



Technology In Education / 2009 Conference Program
JUNE 23-26, 2009 >> COPPER MOUNTAIN, COLORADO



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ROCKY MOUNTAIN TIE

Welcome 2

What Is TIE? 4

TIE @ ISTE 2010 4

TIE2011. 4

TIE Board 6

WHAT TO EXPECT AT TIE 2009

Schedule @ a Glance 9

Navigate TIE 9

Keynote Speaker 10

Featured Speakers 11

Altitude Awareness 13

TIE SERVICES 14

TIE Bookstore

TIE Presenters' Wiki

TIE Website

Continuing Education or Graduate Credits

Lost and Found

TIE CyberCafé and Hours

TIE Conference Evaluation

Are You a Winner?

TIE Internet Access

SPECIAL THANKS TO 16

Tech Support Crew

Equipment Donations

Hats Off to the Chefs

Logo Design

Editing Assistance

Spitzer Photography

CELEBRATION TIME 17

Fireworks

Exhibitor Gala

Party with 11th Hour Band

Restaurants - Meals - Tickets

CONFERENCE SCHEDULE & CONTENT

Conference Sessions Aligned to

ISTE NETS-T Standards 18

Schedule Grid

Tuesday / PM Sessions 19

Wednesday 20

Thursday 22

Friday / AM Sessions 24

RoundTables & Session Descriptions . . . 25

Conference Presenters' Index 48

TIE 2009 EXHIBITORS

Exhibitor Map 53

Exhibitor Index 54

ABOUT COPPER

Copper Mountain Guest Services 57

Copper Transportation

Copper Checkout Procedures

Summer Activities 58

Take a Hike

Bike Trails

Copper Map 60



Cover Photo of aspen grove
on Kebler Pass by
RICK SPITZER
PHOTOGRAPHY

for constant updates, session files and conference evaluation check >> www.tiecolorado.org/TIE_Conference_2009.htm

WELCOME TO THE 2009 TECHNOLOGY IN EDUCATION CONFERENCE!

This year's theme is **Rocky Mountain TIE**. As I was searching for a conference theme it became clear that the TIE Board has managed to do about every possible word play on "TIE". Realizing this, I started looking at the theme revolving around the location of the conference. I am a Colorado girl at heart, and if there is anything that is near and dear to me about this state it is the Rocky Mountains. I can't imagine a more beautiful location to network and communicate with your colleagues and choose from the diverse sessions and special events offered throughout this year's program.

This is TIE's 23rd year! I have been privileged to be involved as a volunteer and Board member for nineteen of those years. I have witnessed TIE evolve from a gathering of three hundred to a premier conference of over one thousand attendees. Each year as we plan for the conference we attempt to offer an array of new sessions based on feedback from the prior year's attendees. Your suggestions are invaluable to us in this planning process, so please take time to complete the survey.

The Pavilion (the big white tent) houses our Keynote Speaker presentation and the Exhibit Hall. This year, you will find the TIE Registration booth, Bookstore and Continuing Education Credit desk and pick up your conference t-shirt in the Pavilion too. And don't miss the TIE-sponsored breakfast on Thursday morning in the Pavilion.

Pre-registration is not required for any session. All of our sessions are offered on a first-come, first-served basis. Sessions vary from the latest cutting-edge technology tools to best instructional practices in real Colorado classrooms. Go wherever your interests lead you. Plan to enjoy the TIE-sponsored breakfast, conference-opening RoundTable discussions, and district meetings on Tuesday morning.

Rocky Mountain TIE kicks off with a keynote presentation from **Dr. Tim Tyson**. Tim has worked in the field of education for nearly 30 years as a teacher (on the middle school, high school, and college levels) and as an administrator. Tim has a passion for meaningful, authentic student engagement, and sees technology as a centerpiece for irresistible academic achievement through creative, global, project-based learning activities. He has now turned his attention to supporting the profession on a national and international level by sharing his passion and practical expertise for integrating technology into the entire school plan – a proven vision that works.

That's just the first morning. The rest of the conference promises innovative presentations, cutting edge featured speakers, an outstanding exhibitor hall, Wednesday night's Exhibitor Gala, free meals, credit opportunities, the fabulous TIE Party, and a phenomenal fireworks display! To top it off, Apple's Distinguished Educators will record and upload podcasts and materials from a variety of sessions and RoundTables to their Conference Connections website! If you miss or want to revisit a session or RoundTable, you can catch it, after the conference! The TIE Board has worked hard to develop the premier conference of the summer. **We're so happy you came to Copper Mountain to join us!**

Ruby Severson *Conference Chair*

PHOTO: SPITZER PHOTOGRAPHY

Technology In Education Colorado, INC. (TIE)

is a Colorado-based organization founded in 1986 by a group of teachers with a vision to host a conference focusing on the increasing role technology plays in education. Today, TIE organizes a premier statewide conference helping teachers integrate technology tools and 21st century skills including technology and information literacy standards into all content areas. TIE is organized and managed by a governing board of nine volunteers. Its major objective is to organize a four-day, hands-on technology focused conference each summer that models and promotes the use of technology integration in the classroom. Last year's conference featured 100+ different workshops, featured speaker sessions and roundtables with more than 170 different presenters and co-presenters, mostly classroom teachers. Registration for the annual TIE conference opens on approximately March 1 each year. Due to the popularity of the conference, participants are encouraged to register early. TIE takes pride in a hands-on approach in many of the sessions offered at the conference. Through the generous contributions of Colorado school districts, last year's conference utilized over 400 computers providing close to a two-to-one ratio of attendees to computers. TIE always welcomes new presenters, corporate sponsors, vendors and attendees. If you have additional questions regarding TIE, contact any of the TIE board members via e-mail. (Please see the Board webpage at www.tiecolorado.org for contact information.)

Technology In Education Colorado, Inc. (TIE) is a tax-exempt organization under section 501(c)(4) of the Internal Revenue Code. As a 501(c)(4) organization, TIE is responsible for income taxes on trade or business income that is not substantially related to its exempt status. TIE is also responsible for paying all applicable federal, state, and local sales tax on all purchases. In addition, payments to TIE in the form of exhibitor fees, conference attendance fees or any contributions of equipment, cash or sponsorship do not qualify as tax-deductible donations for attendees or exhibitors and should not be claimed as such on federal or state tax forms. TIE is in the process of changing from a 501(c)(4) to a 501(c)(3) organization. This change in IRS status will qualify TIE as a tax-deductible organization with additional tax advantages for attendees and vendors. As a 501(c)(4) organization, TIE is responsible for disclosing yearly financial statements. To meet this requirement, TIE provides the current annual audited financial statement on its website. TIE's audit is conducted by Waugh & Goodwin, LLP, a Colorado Springs-based certified public accounting firm. If you have specific questions regarding TIE's financial statements, please contact Mike Herr, TIE board treasurer. Mike's contact information can be found on the TIE Board webpage at www.tiecolorado.org.



TIE COLLABORATES WITH ISTE IN 2010!

TIE is proud to be the host affiliate for the International Society for Technology in Education (ISTE) Conference, in Denver, June 27-30, 2010. Formerly, the National Education Computing Conference (NECC), it promises to be a terrific opportunity for Colorado TIE participants. ISTE 2010 session proposals will be available in Sept 9, 2009. Look for information about the pre-conference *Leadership Boot Camp in the Rockies: A Collaborative Initiative of Colorado TIE and ISTE*. Check the TIE website for ISTE 2010 announcements as they become available.

TIE 2011 – NEW FRONTIERS

After a year hiatus for the 2010 ISTE Conference, the Technology in Education Conference will be back in 2011 with a new focus, new energy and new innovations for the conference. New technologies are filtering into our classrooms daily and it is our goal to put those new technologies to work at the 2011 TIE Conference. Stay tuned to the TIE website for information about the 2011 TIE Conference.





Xirrus is Proud to Provide the Wireless Access for the 2009 Rocky Mountain TIE Conference

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First 50 attendees to join us at the “Delivering High Performance Wi-Fi in Educational Environments” will receive a free limited edition T-shirt

Wed. June 24th from 1-3PM in the Hasty Room



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CONFERENCE CONNECTIONS

Conference Connections, a podcast series produced by Apple Distinguished Educators, keeps you in touch with emerging trends and technologies at leading technology conferences. This year, Colorado TIE is proud to be a part of Conference Connections with recordings and sessions from the 2009 Rocky Mountain TIE conference.

Beginning June 26, visit <http://edcommunity.apple.com/tiecolorado> to gain access to conference sessions, RoundTable discussions, and interviews from the 2009 conference at Copper Mountain Resort, Colorado.

JOE BUZZITTA

Hospitality Chair, Equipment Co-chair
Technology Education, Wayne Carle Middle School
Jefferson County Public Schools
jbuzzitt@jeffco.k12.co.us

Joe has been using technology in the classroom for the past 15 years, as well as working as a middle school teacher. Joe has served actively on the board since 2002, the past eight years. When not consumed with his computer, Joe enjoys fishing, jet skiing and camping with his wife and two children, both in college at this time! He also drives a horse and carriage at the White Fence Farm Restaurant.

MIKE HERR

Financial Chair
Library Technology Educator, Steele Elementary School
El Paso School District 11
herrma@tiecolorado.org

Mike is the Library Technology Educator (Teacher Librarian) at Steele Elementary School in Colorado Springs District 11. He has received a Master's in Library Media, Educational Technology and Reading. Steele has been a Power Library for the past five years, and Mike loves the challenge of building a library program that embraces all readers and integrates 21st century skills into the curriculum. He's the longest surviving board member of TIE, somewhere around 17 years, and has been TIE's treasurer for the past ten years.

ERIN MAGLEY

Marketing Chair
Educational Technology Coordinator
Denver Public Schools
Erin_Magley@tiecolorado.org

Erin is beginning her second year on the TIE Board of Directors. She works to help teachers integrate technology into their classrooms in the Denver Public Schools District. Peace Corps Paraguay was the springboard to her bilingual teaching degree, and with a Master's degree in bilingual education, she also assists the dual language classrooms in her district with educational technology plans. Her passion for 21st century teaching and learning continues to grow as she marks her 12th year with DPS. Erin and her husband Robb enjoy adventures together, whether it's dog sledding, scuba diving, riding motorbikes or enjoying their first baby who was born this spring.

DAN MORE

Presenter Chair
Retired / St. Vrain Valley School District
dmore@tiecolorado.org

Dan has been on the TIE Board of Directors for 10 years and has served in many capacities. Always involved with equipment and lab setup each year, he has been Conference Chair twice, and Presenter Chair more times than he remembers. Dan is really enjoying his retirement, splitting his days between family and recreation, chores and projects, TIE and a part-time job at the Apple Store.

PATRICK MOUNT

Exhibitor Chair
IT Project Manager
Centennial BOCES
pmount@TIEcolorado.org

Patrick is serving his second year on the TIE Board of Directors, and he has been a presenter at the annual conferences since 2001. He brings over 20 years of educational experience in Colorado, including teaching high school mathematics, facilitating student information systems, providing professional development, directing a technology department, and is currently part of the SIS Team at Centennial BOCES. Patrick also serves as a board member with the Colorado Student Information System (CSIS) Users' Group. Last August, Patrick was married to Janice, and together they have four children. In his free time he enjoys serving with the American Red Cross, makes music on the piano and guitar, and plays in the beautiful mountains of Colorado.

KAREN M. ORTIZ

Publications Chair
K-4 Technology Integration Coach
Graland Country Day School
Colorado Association of Independent Schools
kortiz@tiecolorado.org

An attendee at the first TIE conference, Karen is in her third year as a member of the TIE Board. She was a member of the TIE equipment crew for eight years prior to joining the board. Karen's work in educational technology began in 1982 as a member of the Western Colorado Statewide Assistive, Augmentative, Alternative Communications (SWAAAC) team. Karen and her family enjoy a variety of outdoor and volunteer activities.

RUBY SEVERSON

Conference Chair, Equipment Co-chair
Technology Specialist
Plateau Valley School District #50
rubys@bresnan.net

Ruby is completing her 14th year on the TIE Board of Directors. She has served on the board as conference chair, co-chair, and equipment chair and volunteered as a member of the tech crew for TIE five years prior to joining the board. Ruby is a Technology Specialist for Plateau Valley School District #50 in Collbran, Colorado. She has held this position for 21 years. Her responsibilities include ET-IL planning, managing the student management system and CDE liaison for district data transfers. Ruby enjoys biking, hiking and camping in the Colorado Mountains. She also enjoys spending time with Dennis, family, and friends.

RANDY STALL

Registration Chair
Technology Integration Specialist
Littleton Public Schools
rstall@tiecolorado.org

Randy is finishing up his tenth year on the TIE Board of Directors. In addition to conference registrar, Randy is part of the web development team on the TIE Board. He is currently working as a Technology Integration Specialist with the Littleton Public Schools. His duties include training teachers in technology integration methods and 21st century staff development. He is also involved with district committees working in the areas of information literacy, software evaluation, technology integration vision planning and 21st century learning methods. In his spare time, Randy enjoys camping, tennis, a good book, traveling and scuba diving with his wife, Carol. He also likes to spend time with his three grand boys.



PHOTO: SPITZER PHOTOGRAPHY

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The Colorado Department of Education has partnered with the Verizon Foundation to bring Colorado educators Thinkfinity and its 21st century learning resources.

Contact Dan Morris (morris_d@cde.state.co.us) for information about online classes, workshops, and presentations.



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SCHEDULE @ A GLANCE

Monday June 22

4-8PM Registration, Guest Services
@ Mountain Adventure Center,
Center Village
4-8PM Bookstore open @ Copper Pavilion
7-8PM Navigate *Rocky Mountain TIE* @ Bighorn B

Tuesday June 23

7AM-12PM Registration, Guest Services
@ Mountain Adventure Center,
Center Village
8AM-4:30PM Bookstore open @ Copper Pavilion
8:30-9:30AM RoundTables
10-11:30AM **Keynote - Dr. Tim Tyson**
Create, Communicate, Collaborate—
Projects for the Global Classroom
@ Copper Pavilion
11:30AM-1PM TIE-sponsored Lunch
12-4PM Registration
@ Copper Pavilion, near Bookstore
1-4PM Session 1 (3 hours)
1-4PM **Keynote/Workshop - Dr. Tim Tyson**
Film Festival Bootcamp
@ Bighorn B

Wednesday June 24

8AM-4:30PM Bookstore open @ Copper Pavilion
8:30-11:30AM Session 2 (3 hours)
8:30-11:30AM **Featured Speaker - Elizabeth Hubbell**
Education 2020: Developing a Vision for
the Future of Education
@ Bighorn B
12AM-5PM Exhibit Hall Open @ Copper Pavilion
11:30AM-1PM TIE-sponsored Lunch
1-3PM Session 3 (2 hours)
1-3PM **Featured Speaker - Elizabeth Hubbell**
Using Technology With Classroom
Instruction That Works
@ Bighorn B
3:30-5:30PM Session 4 (2 hours)

7-9PM Exhibitor Gala
@ Copper Pavilion
7-9PM Bookstore open
@ Copper Pavilion
9:30-10:30PM Fireworks over West Lake
(weather permitting)

Thursday June 25

7-9AM TIE-sponsored Breakfast
@ Exhibitor Hall in the Copper Pavilion
7AM-12PM Exhibit Hall open
@ Copper Pavilion
8AM-4:30PM Bookstore open
@ Copper Pavilion
8:30-11:30AM Session 5 (3 hours)
8:30-11:30AM **Featured Speaker - Howie DiBlasi**
Create, Communicate, Collaborate—
Projects for the Global Classroom
@ Bighorn B
11:30AM-1PM TIE-sponsored Lunch
1-3PM Session 6 (2 hours)
1-3PM **Featured Speaker - Howie DiBlasi**
Lost in Cyberspace: Teaching Brock
To Search
@ Bighorn B
3:30-5:30PM Session 7 (2 hours)
3:30-5:30PM **Featured Speaker - Karl Fisch**
Shifting Literacies: The Case for a 21st
Century Classroom
@ Bighorn B
5:30-7PM TIE-sponsored Dinner @ Jack & Jills
7:30-11PM TIE Party @ South Hall, Copper Station

Friday June 26

8-10AM Bookstore open
@ Copper Pavilion
8:30-10:30AM Session 8 (2 hours)
10:45-11:45AM Closing Session
@ Burning Stone Plaza

NEW TO TIE - Navigate TIE 2009

Monday, June 22 7-8PM / Bighorn B
Navigating your way around Copper Mountain Conference Resort with hundreds of attendees through four days with almost 200 sessions spread among 20 rooms can be a challenge. Come join Board members, Ruby Severson and Dan More, to learn how to read the TIE program and get around the conference site. We will talk about how the program is organized and how to get to all the rooms scattered throughout the resort.



for constant updates, session files and conference evaluation check >>www.tiecolorado.org/TIE_Conference_2009.htm

KEYNOTE
SPEAKER

Dr. Tim Tyson, named one of Georgia's High Performance Principals by state Governor Sonny Perdue, served as the principal of Mabry Middle School in Cobb County, Georgia. The School Library Journal has referred to Dr. Tyson as the "Pied Piper of Educational Technology." His innovative use of technology to maximize student achievement has been featured in a variety of national education magazines. Also, under his leadership, Mabry Middle School earned the prestigious School of Distinction Award for Technology Innovation from Intel Corporation and Scholastic.

Dr. Tyson began the school's annual, student-led, digital film festival. It has received attention from the Lucas Foundation, Georgia Public Broadcasting, and internationally renowned education reformers. MabryOnline.org, a collection of over 100 blogs which served as the school web presence through June of 2007, features his former students', teachers', and administrators' digital media creations, and served up over 1.5 million files a month to users all over the world. The site also offers the Global Learning Collaborative, an interactive project collaborative for educators, practitioners, and students around the world.

Hundreds of educators from all over the country and several foreign countries visited Mabry during his tenure there to see firsthand the innovative ways technology was being used to maximize student achievement. Though a self-described geek, Dr. Tyson believes that technology is neither "the answer nor the magic bullet" but a tool that, when appropriately leveraged, brings people together so that they can collaboratively create and share with unprecedented ease and facility.

When he is not traveling, reading, dabbling with photography or digital video, or on the computer, he enjoys arranging and composing music. With a global vision for making our world a better place, he values the creation of beauty in all of the many different forms it can take--the most powerful of which, and closest to his heart, is helping children reach their highest potential.

His passion is unmistakable, and his goal in every keynote address and workshop is the same: to empower people by making learning irresistible.

Please visit his website at www.drtyson.com.



TUESDAY 10-11:30AM @ BIGHORN B
Keynote Session: An Irresistible Vision of Global Contribution

Too often in today's discussions about educational technology we focus on the technology. Dr. Tyson's keynote will emphasize leveraging meaningfulness, significance, and the gift of contribution with the tools we now have available to us. Peppered with a generous number of powerful, student-created examples, this presentation will reframe our conversation. These students have designed their digital media to be deeply moving and to convey a substantive message in a compelling way that calls for thought and action from everyone who experiences their work. They beg us all to rethink a mindset that underestimates the capacity in our children to have an international voice that can make our world a better place!

1-4PM @ BIGHORN B
Keynote Workshop: Film Festival Bootcamp

Imagine having your team, grade level, or school's own Oscars! A film festival can electrify a learning environment with unprecedented excitement. However, just giving students a computer and a digital video camera does not a quality product make! In fact, in all probability, few people realize how focused a learning exercise making a movie is. Many who have tried to initiate a project of this type have met with frustration or perhaps ended up with products that did not meet their expectations. Or perhaps you simply want to take the products your students are creating to a much higher level. This workshop is for you, because with projects this complex, systematic training is a must!

Dr. Tyson will demonstrate the basics of movie-making in the educational setting as a tool to empower learning and contribution. Numerous student-created examples (in several instances scrutinizing just a couple of seconds of a finished product) will be carefully studied as examples of best practices. Additionally, Tim will share techniques for designing and setting up a school-wide film festival project that spans several months. Participants leave the session with many student-created examples to use as they continue their own study of what works best. Practical, flexible, and informative, this workshop is a must for project-based learning environments!

FEATURED
SPEAKERS

Elizabeth Ross Hubbell is a Lead Consultant in the Curriculum and Instruction department at Mid-continent Research for Education and Learning (McREL). She conducts workshops and training for K-12 teachers on research-based instructional strategies and technology integration, writes curriculum models for online classes, conducts technology audits for districts and trains district leaders in using Power Walkthrough software. Prior to coming to McREL, Elizabeth served as a building-level curriculum director and elementary teacher, where she focused on combining 21st Century learning environments with Montessori philosophies. She holds an M.A. in Information and Learning Technologies from the University of Colorado-Denver and a B.S. in Early Childhood Education from the University of Georgia. Elizabeth was one of four national finalists in Technology & Learning's Ed Tech Leader of the Year 2003 and has served on the advisory board for PBS TeacherSource. She has been published in several journals, including Principal, Montessori Life, Teacher's College Record and Learning & Leading with Technology and is co-author of Using Technology with Classroom Instruction that Works (ASCD, 2007).

WEDNESDAY 8:30-11:30AM @ BIGHORN B
Education 2020: Developing a Vision for the Future of Education

WEDNESDAY 1-3PM @ BIGHORN B
Using Technology with Classroom Instruction that Works

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action.
noise.**

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June 23-26, 2009, at Copper Mountain Resort.**

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Dr. Howie DiBlasi has extensive experience in the education field (20 years), business leader (10 years) and as a Technology Director (14 years). He has presented at over 100, local to International. Dr. DiBlasi was recognized as "Vocational Teacher of the Year" for the State of Arizona and nominated as a finalist in the "Top Secondary Leaders in America".

An expert in his field, Howie conducts interactive seminars on 21st Century Learning, Visual Literacy, Interactive Video Conferencing, Digital Interactive Learning and Making Show-N-Tell Cool. A recent comment at the Texas Distance Learning Conference was "I have not heard someone think that far out of the box in years."

Dr. DiBlasi is known as a highly energetic, compassionate and approachable speaker. He is a trainer that blends humor, applicable stories of best practice and high levels of audience involvement. Over the past year, Howie has presented programs, courses and speeches to thousands of administrators, teachers, technology specialists and professionals around the country.

In a recent article for e-School News Kathie Ivy said, "His TCEA workshop was one of the most dynamic conference presentations I have attended in some 30 years. Howie is charged with energy, willing to share, and open to suggestions."

THURSDAY 8:30-11:30AM @ BIGHORN B
Create, Communicate, Collaborate—
Projects for the Global Classroom

THURSDAY 1-3PM @ BIGHORN B
Lost in Cyberspace: Teaching Brock To Search



FEATURED SPEAKERS

Karl Fisch has been a teacher for twenty years. He has taught middle and high school math and is currently Director of Technology at Arapahoe High School (<http://arapahoe.littletonpublicschools.net>) in Centennial, Colorado. He is the project leader of Arapahoe's Curriculum Innovation Team, leading the staff development efforts for 21st Century Learners, a group of teachers exploring constructivism and 21st century learning skills. He invites you to join the conversation at The Fischbowl (<http://thefischbowl.blogspot.com>).

Karl's Digital Footprint
Blog: The Fischbowl (<http://thefischbowl.blogspot.com>)
Twitter: karlfisch
Delicious: kfisch
Diigo: karlfisch
Skype: karlfisch

THURSDAY 3:30-5:30PM @ BIGHORN B
Shifting Literacies:
The Case for a 21st Century Classroom



ALTITUDE AWARENESS

Important information for visitors not accustomed to Copper's high altitude

Colorado's Rocky Mountains are among the most beautiful in America, and we hope you will enjoy every minute of your visit. But some of the very features that make the high country so attractive may cause problems unless you recognize and know how to prevent them.

Here's why As you go higher, barometric pressure decreases, the air becomes thinner, less oxygen is available. The air is colder and drier, and the ultraviolet rays from the sun are stronger. Each of these changes may have unpleasant effects on your body.

Altitude toCopper Mountain's base is at 9,000 feet. The mountain summits rise almost 3,000 feet higher. You will probably notice that your breathing is faster or deeper, and you may feel short of breath, especially when you exercise. This is the body's first and most effective response to altitude. Your heart is likely to beat faster too. This is a helpful, normal reaction.

However, you may also develop a headache, a touch of nausea, or unusual tiredness; some people even have trouble sleeping. Depending upon the altitude, 20 to 30 percent of all visitors from near sea level have one or several of these symptoms, which we call acute mountain sickness or AMS. Children and the elderly are slightly more susceptible.

These symptoms usually go away in a day or two. If they grow worse, or if you are worried, be sure to consult a doctor. If you develop a worsening cough, increasing shortness of breath, or feel like you have fluid in your lungs, see a doctor at once. Altitude illness, though usually minor, can become serious quite rapidly, so don't take it lightly or try to tough it out.

Before you leave home, you can do a few things to decrease the effects of altitude. Our studies show that spending two nights at a modest altitude like 5,000 feet (Denver) decreases symptoms when you go higher. Eat more foods which are high in carbohydrates, drink more water, and consume less salt. Your doctor may be able to prescribe medication that will assist in lessening symptoms.

Once you arrive at Copper, take it easy for the first day or two. Reduce your consumption of alcohol, caffeine, and salty foods. Drink more water than usual. Salt causes your body to retain fluid, which increases the severity of altitude illness.

Above all, listen to your body! Don't push! If you feel worse and worse, get help. Minor altitude symptoms occasionally become life threatening.

Temperature The sun has more power in thin air, and a bad sunburn can spoil your stay. No matter how tanned you may be, use a protective cream. "Cold sores" can be aggravated at higher altitudes. This might be prevented by various medications that your doctor can prescribe. The sun's ultraviolet rays are more intense at altitude. Wear sunglasses or prescription glasses with ultraviolet protection.

Temperature falls about three degrees Fahrenheit for every 1,000 feet of altitude, and it can get cold very fast. Take extra clothes. Hypothermia (low body temperature) can occur even in the summer if you are wet or wind-chilled, hungry, tired, or poorly dressed. The warning signs are clumsiness, trouble thinking or talking clearly, irritability, and confusion. Watch for these signs in each other. If in doubt, stop, warm up, eat and drink, and if necessary send for help if necessary.

Water The crisp mountain air is exhilarating, but it's also very dry. You lose much more water than you realize by exhaling air and from sweating perspiration. It's very important to maintain the body's water level, so drink two or three times more non-alcoholic, decaffeinated liquid than you usually drink. Fill your canteen or water bottle in the hotel. Don't drink from streams. Juices and water are better than tea, coffee, or alcohol. Remember that at high altitudes, one alcoholic drink does the work of two.

Injuries Accidents can happen at any time to anyone, but they are more common when you are cold, tired, and hungry. Remember: that lack of oxygen can blunt your judgment, leading you to do foolish things. Whether you are hiking, skiing, biking, swimming, or playing tennis, give your body plenty of food and water so it can function efficiently. Don't keep going when you are very tired; quit while you're ahead.

Illness Of course, you are as likely to get a cold, the flu, or stomach trouble in the mountains as you are at home. While altitude sickness feels like the flu or a hang-over, it can be a lot more serious. If you have any doubt, get medical help. Don't let ignorance or carelessness spoil your stay. There is a great personal joy, beauty, and spiritual peace to be discovered in the mountains. Treat yourself with respect and enjoy your visit.

TIE BOOKSTORE

The TIE Bookstore is located in the Exhibitor Hall, in the Copper Pavilion slopeside of the Conference Center. Take the opportunity to browse a wide selection of books on technology, information literacy, and related topics. Many books have been recommended by presenters and past attendees. You will also find books on operating systems, specific software, teaching strategies and Internet use as well as visual aides for the classroom.

Beginning Tuesday morning, head to the bookstore to pick up your free t-shirt.

Bookstore Hours

Monday, June 22 4-8PM
 Tuesday, June 23 8AM-4PM
 Wednesday, June 24 8AM-4:30PM
 Thursday, June 25 8AM-4:30PM
 Friday, June 26 8-10AM

TIE PRESENTERS' WIKI

Get session descriptions and up to the minute postings by presenters and RoundTable facilitators at the TIE wiki (tieconference.wikispaces.com). Presenters will share pre-session information, upload files, provide contact information, etc. on their own wikipedia.

TIE WEBSITE

Check out the TIE 2009 Conference website (www.tiecolorado.org) for the latest news, continuing education or graduate credits, lost and found items, information and notices concerning the conference. Visit it early and often during the conference. The TIE Conference website will be maintained from the Copper Pavilion CyberCafé, during Exhibit Hall hours, so stop by to see it live.

CONTINUING EDUCATION OR GRADUATE CREDITS

TIE attendees have the option of two forms of professional credit: graduate credits through the University of Colorado Denver (UCD) or Colorado Continuing Education Units (CEU). To get started, check in at the Credits Desk, located in the Pavilion, when you arrive at the conference.

For procedural details and instructions about early registration, see the TIE Credits website at <http://tie-credits.blogspot.com/> or link to it from the 2009 TIE website > Attendees tab.
 Contact instructor Brent Wilson at 303-315-4963 or brent.wilson@ucdenver.edu for special inquiries.

LOST & FOUND

If you lose or find something, please come by the TIE Bookstore in the Copper Pavilion during bookstore hours. We will list all items (lost and found) on the website and keep found items at the bookstore.

TIE CYBERCAFÉS

During the conference, TIE CyberCafés are located in the upper level lobby of the Copper Conference Center and the Copper Station lobby. A CyberCafé will also be available during Exhibit Hall hours at Booth 101 (northeast corner) in the Copper Pavilion. Check your e-mail, the TIE wiki or website, surf the Web, try out a Web 2.0 resource...and don't forget to bring your coffee. Geeks and regular folks will be on hand to assist you in any way possible.

CyberCafé Hours

Copper Station and Conference Center Lobbies

Monday, June 22 5-9PM
 Tuesday, June 23 7AM-9PM
 Wednesday, June 24 7AM-9PM
 Thursday, June 25 7AM-7PM
 Friday, June 26 7-10AM

Exhibit Hall, Booth 101

Wednesday, June 24 12-9PM
 Thursday, June 25 7AM-12PM

ROCKY MOUNTAIN TIE CONFERENCE EVALUATION

The TIE Board would like to invite you to visit the 2009 Conference page on the TIE website to fill out an online evaluation form. Your input is valued, and we use your opinions as we make plans for future conferences.

ARE YOU A WINNER?

Prizes will be available from the exhibitors in the Exhibit Hall. Check the information at each exhibitor's booth for prize giveaway procedures. Prize winners will be posted on the 2009 TIE Conference website, at the bookstore in the Copper Pavilion, and on the conference marquees; all prizes must be claimed at the bookstore. Check your name tag sheet for entry tickets to be deposited in containers throughout the conference. Prizes will be awarded from these ticket collections at the TIE party and during the closing session. You must be present at these drawings to win any TIE prizes.

rmpbs.org/teacherline

PBS TeacherLine.

Expand your professional horizons with PBS TeacherLine online professional development.

Teachers enrolled in PBS TeacherLine courses:

- Enjoy the flexibility of online learning
- Expand their content knowledge and build instructional skills
- Become part of a professional learning community
- Earn graduate or recertification credit

Courses are offered four times a year. The last day to register for summer courses is June 26, 2009. Register now and take advantage of the Colorado Department of Education's (CDE) tuition reimbursement program.

Stop by our booth #204 to learn more about online courses and how your school or district can get involved.

Attend our workshop featuring Teachers' Domain, a free digital library of multimedia resources from PBS: Wednesday, June 24, 1-3 p.m., Ponderosa Room.

Be more effective rmpbs.org/teacherline

TIE INTERNET ACCESS

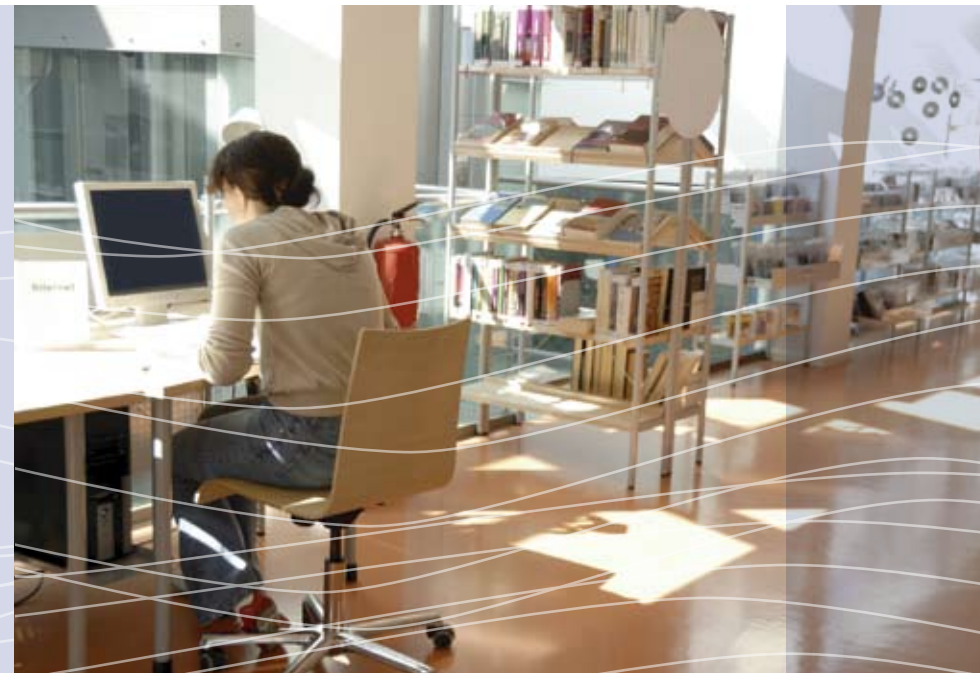
TIE will provide Internet access for your laptop in many, but not all, areas of the conference.

Wireless Some conference venues have wireless Internet access. This access is FREE. Some accommodations at Copper Mountain also have wireless Internet access, but you may be required to pay the cost of that access. TIE WILL NOT reimburse anyone who pays for access.

Ethernet Many of the rooms at this year's conference will have a row of tables in the back of the room without computers. These tables are for attendees to sit down with their personal laptops and connect to the wireless TIE network. If a switch is visible in the presentation room, by NO means is any attendee to connect an Ethernet cable to that switch without consulting a person on the TIE tech crew.

To connect to the TIE network, your computer must be set up using DHCP. TIE's Tech Crew can assist you with an Internet connection. Look for them in their special vests throughout the session areas.

If your computer is configured for another network, you might want to write down all the settings before you change to DHCP. TIE will not assume any responsibility for the configuration or the function of your equipment during or after the conference. TIE will not provide any special adapters or network cards needed to make a wireless or Ethernet connection.



TECH SUPPORT CREW

- RICH BATTIN
Computer & Network Technician
Academy School District #20
- ENRIQUE CORTEZ
Personal Computer Specialist
Poudre School District
- TIM DEW
Technology Coordinator
Plateau Valley School District #50
- MARIA GORDON
Library Technology Educator
Colorado Springs School District #11
– Freedom Elementary
- JOSEPH GORDON
Computer Doctor, Inc.
Computer Technician
- GAYLENE GRIMSLEY
Teacher
Plateau Valley School District #50
- BRETT MARSHBANKS
Student
Colorado State University
- KATHY PARKER
Retired – Technology Coordinator
LaJunta School District
- MICHAEL RIGGS
Systems Engineer
Falcon School District #49
- RODY SMITH
Micro-Computer Technician
Littleton Public Schools
- RICK SPITZER
Spitzer Photography
Past TIE Board member
- SCOTT STEWART
Computer Support Specialist
St. Vrain Valley School District
- SHERY WATSON
Building Technology Coordinator
Poudre School District - Webber
Junior High School
- JOHN WILLIAMS
Teacher - Librarian
Jeffco School District - Dakota Ridge
High School
- MEL WILLIAMSON
Retired (but not resting) - Teacher
Fremont RE-1 School District

EQUIPMENT DONATIONS

- Apple, Inc.
Campus Middle School,
Cherry Creek School District
Cherokee Trail High School,
Cherry Creek School District
Denver Public Schools
Epson
Evergreen Middle School,
Jefferson County School District
Falcon School District #49
Mesa County Valley School District
Plateau Valley School District
Promethean
SMART Technologies
Ute Pass Elementary School,
Manitou Springs School District
Wayne Carle Middle School,
Jefferson County School District
Wray School District

Special thanks to Promethean and SMART Technologies for the interactive white boards used in several 2009 Conference sessions

HATS OFF TO THE CHEFS

Hats off to Dawn and Ron Petty and John, Dawn’s dad, for their hard work preparing and serving delicious gourmet meals and homemade pie to the tech crew who helped the board set up the conference. Thanks to you, we have the energy to get the conference rolling.

Merci beaucoup!
TIE 2009

LOGO DESIGN

TIE would like to thank Josh Morris for his work on the 2009 Rocky Mountain TIE conference logo. Josh has graduated from Grace College in Indiana, receiving his Bachelor of Science degree in Graphic Design.

2009 PROGRAM EDITING ASSISTANCE

The Board of Directors would like to thank Robb Magley, former journalist for the Ridgway Sun and Ouray County Plaindealer, for graciously applying his sharp, editorial eyes to this publication.

COVER PHOTOGRAPH

The TIE Board appreciates Rick Spitzer’s generous donation of the cover photo of an aspen grove on Kebler Pass and other scenic and wildlife images in the publication. Westcliff published his book, Colorado Mountain Passes: Photos and History from the High Points on Colorado Roadways, this April. This book is for sale in the Bookstore. Rick is a former Board member and retired Technology Director.

FIREWORKS!

Conditions permitting, the show starts on Wednesday night at 9:30 over West Lake, the pond with the fountain and paddleboats.

TIE’S EXHIBITOR GALA!

Make sure you visit all of our exhibitors Wednesday night from 7:00 p.m. to 9:30 p.m. Come by for a chance to see all of the great products they offer and to sign up for lots of goodies. Don’t forget to save room for dessert in the Pavilion. This is a great time to see our wonderful vendors and their awesome products and services. See you there!

PARTY WITH 11TH HOUR BAND

Thursday night, 7:30 to 11:00 P.M., upstairs in South Hall at Copper Station
11th Hour Band will keep your feet moving to the sounds of classic rock and country music. From the opening notes you’ll want to get up and jam with one of the finest party bands in the metro area. Bring your rockin’ shoes, because this will be one energetic party!

RESTAURANTS – MEALS –TICKETS

Meal Tickets: TIE lunch and dinner coupons can be found on your name-tag sheet and cannot be replaced if lost. Your family and friends may join you by purchasing their meals at the locations listed.

The tickets are for the following meals:

Tuesday, June 23	11:30AM-1PM	Lunch	
Wednesday, June 24	11:30AM-1PM	Lunch	
Thursday, June 25	7-9AM	Breakfast	in the Exhibitor Hall, Copper Pavilion
	11:30AM- 1PM	Lunch	
	5:30-7PM	TIE Dinner	Jack and Jills

The lunch tickets can be used at any of the following locations:

- Center Village: Endo’s Adrenaline Cafe and Jack’s
Copper Station: JJ’s Rocky Mountain Tavern
Mid-mountain: Solitude Mountain BBQ (chairlift)

Thursday’s TIE breakfast coupon can be used at the Exhibitor Hall in the Copper Pavilion.

Beer, wine and pop tickets can only be used at the TIE party, Thursday from 7:30 p.m. 11:00 p.m. at Copper Station.

SPECIAL BOOK SIGNING

Rick Spitzer of Spitzer Photography will be available to sign copies of Colorado Mountain Passes: Photos and History from the High Points on Colorado Roadways at the bookstore during Wednesday’s Exhibitor Gala.



PHOTO: SPITZER PHOTOGRAPHY

Grades K - Adult



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 - Access to complete newspapers in 30-day increments.
 - Passwords to download ALL electronic curricula developed this school year.
 - Email updates about all new materials posted to our web site.
 - FREE licenses for classroom use for the school year.

Stop by our booth for a demonstration, register for a drawing or attend our workshops. The Information Literate Student: Learning from today's and yesterday's newspaper - Wednesday, June 24, 3:30 - 5:30 #2309 and a Community of Writers - Thursday June 25, 1:00 - 3:00 #3217.



NO RECYCLING.... NO INKY FINGERS.... JUST A LOT OF INFORMATION...
A LOT OF FUN ... AND A LOT OF LEARNING.

We offer FREE delivery of the eEdition of The Denver Post for classroom use at no charge. This offer is only for use in accredited classrooms by teachers. You can order online, or call **303-954-3999** or **1-800-336-7678, ext. 3999**. See our website at **www.DenverPostEducation.com** to find out about our curriculum and services!

CONFERENCE
SESSIONS ALIGNED
WITH ISTE
NATIONAL
EDUCATION
TECHNOLOGY
STANDARDS (NETS)
FOR TEACHERS

ISTE's National Educational Technology Standards (NETS) have served as a roadmap since 1998 for improved teaching and learning by educators. ISTE standards for students, teachers, and administrators help to measure proficiency and set aspirational goals for the knowledge, skills, and attitudes needed to succeed in today's Digital Age...

In June 2008, ISTE released the next generation of NETS for Teachers (NETS-T), which focuses on "using technology to learn and teach." This year's conference sessions were submitted and chosen based upon their alignment with the 2008 NETS for Teachers:

- Facilitate and Inspire Student Learning and Creativity
- Design and Develop Digital-Age Learning Experiences and Assessment
- Model Digital-Age Work and Learning
- Promote and Model Digital Citizenship and Responsibility
- Engage in Professional Growth and Leadership

Additional Information can be found on the 2009 TIE Conference website, Sessions tab.

TUESDAY 1-4PM

COPPER STATION	Wheeler A	1101	Chris Moore	Wicked Cool Wikis and Bang-Up Blogs
	Wheeler B	1102	Christine Archer	"Google-ize" Your Staff Development
	Wheeler C	1103	Kyla Uribe	Managing Technology in a K-2 Classroom? Really!
	West Hall	1104	Douglas Byers	No More Smoke Signals: Creating Computer-Based Native Language Assessments
VILLAGE SQUARE	Ponderosa	1106	Michael Porter	Powering Up the Writers' Workshop
	Lodgepole			
	Bristlecone	1108	Jeffrey Ventling	MovieMaker: If 4th Graders Can Use It So Can You!
MTN PLAZA	Jaques Peak	1109	Leecy Wise	Engaging Students With MS Office and Web Tools
CONFERENCE CENTER	Bighorn B	1111	Tim Tyson <i>Keynote Speaker</i>	Film Festival Bootcamp
	Bighorn C1	1112	Patrick Benko	iWork '09
	Ptarmigan A	1114	Stevan Kalmon	Technology Literacy Assessment Project (TLAP)
	Ptarmigan B	1115	Robin Brown	Fifteen Web Gems Your Teachers Will Love!
	Ptarmigan C	1116	Elizabeth Walhof	Using elnstruction Clickers to Inform Instruction
UNION CREEK	Upper Schoolhouse	1117	Ben Wilkoff	Design With Forever in Mind: Capture Your Learning
	Lower Schoolhouse	1118	Charlene Baker	Photo Story 3: To Infinity and Beyond!
	Mountainside	1119	Therese Laux	Gear Up With GarageBand!

NEW TO TIE?
Navigating Rocky Mountain TIE
Monday 7-8PM
Conference Center, Bighorn B

PRESENTERS: Dan More and Ruby Severson
TIE Board Members
This session is for the attendee who has never been to TIE before. Come join us and to learn the ins and outs of the conference and get some tips for making the most of your TIE experience.

KEYNOTE SPEAKER
1111 Tim Tyson
Film Festival Bootcamp

DON'T MISS OUT
RoundTables
Tuesday 8:30-9:30AM
See page 25 for complete list of topics.
Check the TIE wiki (tieconference.wikispaces.com) for specifics, locations and useful information.

WEDNESDAY 8:30-11:30AM

COPPER STATION	Wheeler A	2101	Dave Dellwardt	Using Promethean ActivBoards: The Basics and Up
	Wheeler B	2102	Donna Crawford	Creating Tutorials Using Camtasia
	Wheeler C	2103	Kay Bolerjack	O.P.E.N. Your Classroom for 21st Century Learners
	West Hall	2104	David Malone	CSSD 11 Aligned Curriculum Online
VILLAGE SQUARE	Ponderosa	2106	Kelly McKay	RealeWriter
	Lodgepole	2107	Sherri Clemens	Poetry Integration "Apple-Palooza"
	Bristlecone	2108	Kara Buttolph	Introduction to Frames: Digital Storytelling
MTN PLAZA	Jaques Peak	2109	Tim Florian	How to Be a Moodle School
	Union Peak			
CONFERENCE CENTER	Bighorn B	2111	Elizabeth Hubbell <i>Featured Speaker</i>	Education 2020: Developing a Vision for the Future of Education
	Bighorn C1	2112	Patrick Benko	iLife '09 in Education
	Bighorn C2			
	Ptarmigan A	2114	Patricia Loeblein	Using PhET Simulations for Science Inquiry
	Ptarmigan B	2115	Mary Hertzog	21st Century Learning and Assessments
	Ptarmigan C	2116	Karen Webster	Using Free Google Tools in the Classroom
	Hasty's			
UNION CREEK	Upper Schoolhouse	2117	Rick Spitzer	Search Engines: Finding What You Want
	Lower Schoolhouse	2118	Joe McBreen	Connect With E-Learning
	Mountainside	2119	Martha Wilcox	Flash for the Middle School Student

WEDNESDAY 1-3PM

2201	Alison Saylor	Fun and Learning With Remix
2202	Stephanie Chasteen	Make Clickers Work for You
2203	Denise Blevins	Using Comics to Encourage Reluctant Writers
2204	Nola Daily	Increase Reading and Writing Skills Using the Internet
2206	Katie Eck	Create Media-Rich Lessons With FREE PBS Resources
2207	Kim Randall	Breaking the Linear Mold: Multimedia Presentation
2208	Angie Mortensen	Power With Power Point
2209	Carol Peterson	Web 2.0 for Marians!
2210	Dan Watkins	Internet Sports Broadcasting
2211	Elizabeth Hubbell <i>Featured Speaker</i>	Using Technology With Classroom Instruction That Works
2212	Dan McCormack	iPod Touch: A Portable, Mobile Computing Platform
2213	Carrie Rigney	SMART Board Basics
2214	Amy Tharp	Exploring the World Through Technology
2215	Annette Sills-Brown	Teachers Learning in Networked Communities: TLINC
2216	Terri Day	Using Wiki Pages for Instruction
2220	Curtis Reid	Wireless Networking Rocky Mountian TIE 2009
2217	Sue Zoeller	Web 2.0 and Computing in the Clouds
2218	Bonnie Grover	Digital Interaction Creates Understanding
2219	Dan Marcus	Establishing and Developing a Student Led TV Program

WEDNESDAY 3:30-5:30PM

2301	Steven Newell	Elementary Technology Transformation in 37 Easy Steps
2302	Janelle Reding	Classroom Performance System: Clicking to Success
2303	Kyle Addington	Google Applications in the Classroom
2306	TC Travis	Come and Get Organized With OneNote
2307	Jim Hutchinson	Sociomedia 101: Transforming Learning With Technology
2308	Kim Randall	Building a Bigger Builder
2309	Dana Plewka	The Information Literate Student: Learning From News!
2310	Tim Kazimer	The Future Was Tired of Sitting in Committee...
2311	Pete Vincelette	Give Me Something I Can Use Now (Part 2)
2312	Sohne Van Selus	Using the Tools at All Times: Creative Collaboration
2313	Catherine Beck	Tech Tools for Struggling Learners
2314	James Reiner	Wiki 2.0
2315	Heidi Atha	Using Quality Web 2.0 Sites in Your Classroom
2316	Kristin Donley	Incorporating Clickers and Interwrite Boards
2320	Mike Scott	Technical: Wikis, Blogs and Podcasts
2317	Megan McQuinn	iRead, You Read, We Can All Read!
2318	Nola Daily	Book Reports Using Photo Story 3
2319	Corey Kesler	Lecture to Vodcast in Minutes



FEATURED SPEAKER

2111 Elizabeth Hubbell
Education 2020: Developing a Vision for the Future of Education

2211 Elizabeth Hubbell
Using Technology With Classroom Instruction That Works



THURSDAY 8:30-11:30AM

COPPER STATION	Wheeler A	3101	Melissa Kreider	Bring Stories to Life in Your Classroom!
	Wheeler B	3102	Elizabeth Walhof	Promethean Instruction That Works
	Wheeler C	3103	Connie Masson	Library Technology Play Date: A Hands-On Session
	West Hall	3104	Chris Clementi	Let's Get Into the 21st Century
VILLAGE SQUARE	Ponderosa	3106	Robin Brown	Create a Web Page in Less Than a Day
	Lodgepole	3107	Jim Hutchinson	Sociomedia 201: Transforming Learning With Technology
	Bristlecone	3108	Marc Nestorick	Harnessing the Power of Your Electronic Calendar
MTN PLAZA	Jaques Peak	3109	Nancy White	Bump it Up! Creating Powerful Learning Experiences
	Union Peak	3110	Sharon Bruce	One-to-One Technology in the Math Classroom
CONFERENCE CENTER	Bighorn B	3111	Howie DiBlasi <i>Featured Speaker</i>	Create, Communicate, Collaborate—Projects for the Global Classroom
	Bighorn C1	3112	Dan McCormack	Podcasing Using GarageBand
	Bighorn C2			
	Ptarmigan A	3114	Douglas Byers	Student Driven Technology Integration
	Ptarmigan B	3115	Amber Miskimon	Flip Video in the Classroom
	Ptarmigan C	3116	Phil Biggs	Google Geography: Maps Meet Multimedia
	Hasty's			
UNION CREEK	Upper Schoolhouse	3117	Candace Stocker	Wonderful World of Wikis
	Lower Schoolhouse	3118	David Widener	Flash CS3 for Teachers
	Mountainside	3119	Ben Wilkoff	The On Button: Instant and Always On Collaboration

THURSDAY 1-3PM

3201	Meagen Fox	Using SMART Board in the Middle School Classroom
3202	Angie Mortensen	Movie Maker Magic
3203	Jill Lester	Quick and Easy Wiki for Classroom Use
3204	Diane Look	Using Alice to Teach Programming Concepts
3206	Kevin Brooks	Challenges to Inquiry-Based Science
3207	Mike McDonald	Student-Centered Learning and the Role of Technology Modules
3208	Lisa Reed & Kathryn Wolfington	Connecting the C3: Connecting the Community, Classroom and Computer
3209	Bobbi Craig	Collection Development for the Busy Librarian
3210	Tim Kazimer	It's the End of Schooling as We Know It
3211	Howie DiBlasi <i>Featured Speaker</i>	Lost in Cyberspace: Teaching Brock To Search
3212	Liz Keating	We Know-They Know: Safe Internet Surfing
3213	Dana Levesque	21st Century Online Staff Development
3214	Joe Frost	Internet Safety and 21st Century Skills
3215	Sara Urbanek	Web 2.0 Tools in the Elementary Classroom
3216	Jennifer Jensen	50 Ways to Use Discovery Education streaming
3220	Mike Scott	Dual-Boot or Virtualization
3217	Jill Armstrong	A Community of Writers
3218	Carrie Sheftel	Worldly Wikis
3219	Derek Swanson	Television Production for Beginners

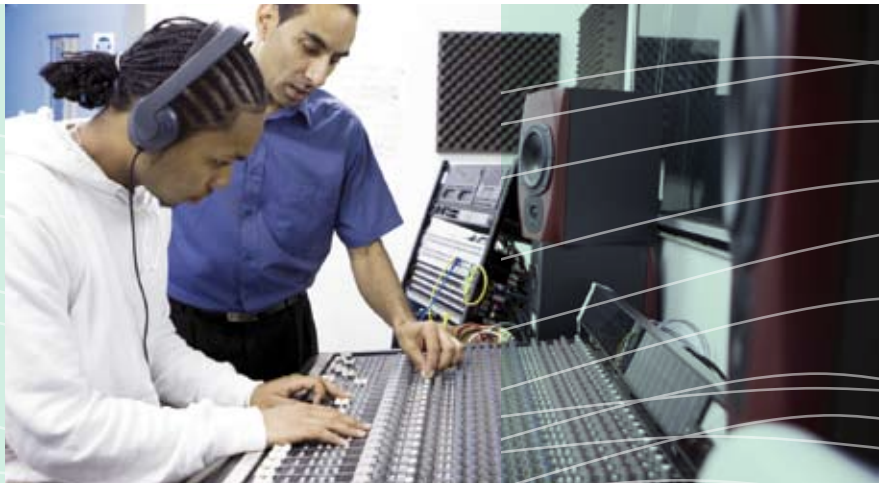
THURSDAY 3:30-5:30PM

3301	Tina Barber	Google Literacy With eeePCs
3303	Liz Keating	Sharing Resources: Doesn't It Make Sense?
3304	Carol Boorum	Integrating Pixie Into the Elementary Classroom
3306	Chaille Cummings	Third Life: Real Social Networking for Online Teachers
3307	Cindy Emmons	Early Literacy Instruction Using Technology
3308	Sohne Van Selus	Year Zero: Starting Up an Online School
3309	Ryan Cameron	Unlocking the Power of Student Management Systems
3310	Jonathan Bergmann	Mastery Learning: Vodcasts Increase Achievement!
3311	Karl Fisch <i>Featured Speaker</i>	Shifting Literacies: The Case for a 21st Century Classroom
3312	Michelle Bourgeois	Beyond Digital Storytelling
3313	Jill Haver	Using iPods to Engage Elementary Level English Language Learners
3314	Lisa Gorhum	Using Clickers in Your Classroom
3315	Meghan Lais	Curing Your Student Email Headaches
3316	Stacy Christopher	Using Technology to Enhance Literacy Instruction
3317	Lori Hartman	20 in the 21st: Web 2.0 in the Classroom
3318	Lynn Story	Elementary School Student Blogging: Getting Started
3319	Dan Cornell	The Future of 3D Visualization and Animation in Education



FEATURED SPEAKERS

- 3111 Howie DiBlasi
Create, Communicate, Collaborate—Projects for the Global Classroom
- 3211 Howie DiBlasi
Lost in Cyberspace: Teaching Brock To Search
- 3311 Karl Fisch
Shifting Literacies: The Case for a 21st Century Classroom



FRIDAY 8:30-10:30AM

COPPER STATION	Wheeler A	4101	Heather Clark	Copyright in the Classroom: Code of Best Practices
	Wheeler B	4102	Kim McMonagle	Digital Educators!
	Wheeler C	4103	Ramie Macioce	Beyond the Earth
	West Hall	4104	Dan Flenniken	Online Education: New Ways to Teach and Reach Rural Students
VILLAGE SQUARE	Ponderosa	4106	Jean Schneider	The Technology Learning Continuum
	Lodgepole	4107	Terrisa Metzler	Securing and Managing Your School Network
	Bristlecone	4108	Michael Sandler	Overcoming Challenges: Helping AD/HD & LD Students
MTN PLAZA	Jaques Peak	4109	Joe Burnham	Netbooks in the Classroom
	Union Peak	4110	Patricia McConaghy-White	A Book + A Website + A Mini Lesson = Learning
CONFERENCE CENTER	Bighorn B	4111	Kevin Kisich	Classroom Culture Using Ubiquitous Handheld Devices
	Bighorn C1	4112	Dan Morris	Thinkfinity Returns to Colorado: The Best FREE Online Resources
	Ptarmigan A	4114	John Yuskewich	One Package: Clickers, PowerPoint and CPS Chalkboard
	Ptarmigan B	4115	Gwynn Moore	Where in the World Can Your Classroom Go Today?
	Ptarmigan C	4116	James Reiner	Your Quick, Safe and Wonderful Wiki
UNION CREEK	Upper Schoolhouse	4117	Sara Brooks	How to Create Historical News Reports and More
	Lower Schoolhouse	4118	TC Travis	Getting to Know Office 2007
	Mountainside	4119	Ken Swinehart	How to Start Your Digital Media Broadcasting Class

CLOSING SESSION

Bring your prize ticket and enter our LAST DRAWING FOR MANY OF THE BEST PRIZES!
You must be present to win.

Friday 10:45-11:45AM
LOCATION: Burning Stones Plaza



TIE ROUNDTABLES TUESDAY 8:30-9:30AM

Seating will be limited; first come, first served! Check the conference website for descriptions, locations, and more information.

CDE Educational Technology Update and Discussion
FACILITATOR: Dan Morris
Director, Educational Technology and Innovation Unit / Colorado Department of Education

Defining Student Technology Proficiency: An Independent School Conversation.
FACILITATOR: Glen Worthing
Director of Technology and Communication / St. Anne's Episcopal School

Doing More With Less
FACILITATORS: Mark Lindstone
Assistant Director, Information & Technology Services
Mike Porter
Assistant Director of Instructional Technology / Littleton Public Schools

Geek Factor
FACILITATOR: Mike Riggs
Systems Engineer / Falcon School District 49

One-to-One Computing in the Elementary Classroom
FACILITATORS: Kay Bolerjack, Technology Specialist
Chris Moore, 5th Grade Teacher
Nicolette Vander Velde, 1st Grade Teacher
East Elementary School / Littleton Public Schools

The Power Libraries Program for 21st Century Schools!
FACILITATORS: Nance Nassar, School Library Senior Consultant
Judy Barnett, Power Libraries Program Coach
Colorado State Library

Promising Classroom Practices in 21st Century Learning
FACILITATORS: Dixie Good, Chief Research Officer
Stevan Kalmon, Chief Learning Officer
Greg Wilborn, Chief Development Officer
Council for 21st Century Learning

TPACK-ing at Your School
FACILITATOR: Anne Ryan Bell, PhD
Director of Teaching with Primary Sources / UNC

TUESDAY 1-4PM

1101
Wicked Cool Wikis and Bang-Up Blogs
Come to this hands-on session if: you have no idea what a wiki or blog is; you are already using them, but want to do more with them or share what you have done with others; or you want to leave the session after seeing and creating incredible learning tools that can be used in conjunction with regular assignments, assessments and classroom websites. Participants will create a wiki and blog. They will add text, images, and video content as well as additional interactive features to them. Attendees will share their ideas and become a support network for the coming year. Although you will see 5th grade student, this session is applicable to all ages, grades, and experience levels.

PRESENTER: Chris Moore
5th Grade Teacher / East Elementary School
CO-PRESENTERS: Nicolette Vander Velde, Kay Bolerjack
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Copper Station, Wheeler A

1102
“Google-ize” Your Staff Development
Do you provide training for your school or district? Don't miss this opportunity to see how various Google tools can support your efforts. Explore, create and examine the possibilities as we work together to create a toolkit that moves your training to a whole new level. While the lens will be through the eyes of a staff developer, the skills and tools used are applicable to any classroom teacher. Take the leap into a world beyond Google's search tool and join us for a fast-paced, hands-on, fun-filled “googly” session.

PRESENTER: Christine Archer
Instructional Technology Coordinator / Cherokee Trail High School
CO-PRESENTERS: Tina Barber, Molly Robbins
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Wheeler B

1103
Managing Technology in a K-2 Classroom? Really!
Wondering how to realistically integrate technology across your curriculum with 5-8 year olds? Finally a tech class tailored for K-2! Learn management tips, easy projects and how to get your primary students thinking and enthusiastic about everything! Hear how technology can be used for all mainstream students and is a highly effective means of sheltering instruction for ESL students. Applications and project ideas that will be showcased include: Comic Life, Wordle, Photo Booth, Skype, CoveritLive blogging tool, Kidspiration, Notebook software, digital cameras to record observations and oodles more! You'll leave class with confidence, resources, and will be excited for school to start this fall! We have created a blog for this session to serve as an example, and to continue our discussion and share our ideas

PRESENTER: Kyla Uribe
2nd Grade Teacher / South Elementary
CO-PRESENTER: Katie Gambardella
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary
LOCATION: Wheeler C

1104
No More Smoke Signals: Creating Computer-Based Native Language Assessments
Creating a computer-based language test is not an easy undertaking. Most available assessment software doesn't meet all of the end-users needs. Custom software is usually too expensive. Technology skills or resources are limited. However, Mescalero Apache School has developed their first computerized Pre-K to Grade 12 Apache Language Assessment. In-house teachers, using only commercially available software completed this project. This presentation will discuss the test development, its implementation and the results of the first-year's assessment.

PRESENTER: Douglas Byers
Technology Teacher (MS/HS) / Mescalero Apache School
CO-PRESENTER: Jennifer Byers
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessment
GRADE LEVEL: Elementary, Middle, High School
LOCATION: West Hall



1106

Powering Up the Writers' Workshop

Join representatives from the Englewood and Littleton Public Schools as they describe their partnership to infuse technology into the intermediate grades literacy blocks. They'll share the low-cost hardware and software used to "Power Up" the writing process. Engage a hands-on walk-through of the writing process, to learn how technology can complement every step from pre-writing, drafting, self- and peer editing and conferring to 21st Century publication methods. To close, there will be a discussion of results seen in the districts; teachers are saying things like "The use of the laptops has transformed the way I teach writing. I can't imagine going back to pencil and paper. I'm thrilled with the progress my students are making and I'm sure my writing scores will reflect that as well."

PRESENTER: Michael Porter
Asst. Director, Instructional Technology

NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments

GRADE LEVEL: Elementary
LOCATION: Ponderosa

1108

MovieMaker: 4th Graders Can Use It; Can You?

Learn to use Microsoft's Movie Maker to present lessons and demonstrations to your students. Movie Maker can also be used to celebrate their learning. There are numerous possibilities this software offers to a classroom, so come to this presentation to learn more.

PRESENTER: Jeffrey Ventling
Teacher / Lincoln Orchard Mesa

NETS-T: Facilitate and Inspire Student Learning and Creativity

GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bristlecone

1109

Engaging Students With MS Office and Web Tools

This session is designed to expose Kindergarten-adult educators, including ESL instructors, to the unlimited learning potential offered MS Office applications and carefully selected Web tools. It will involve educators in creating activities that both they and their students can easily adapt or expand to develop all aspects of academic performance: math, computer literacy, reading, writing, speaking and listening in multiple content areas. The resources shared in this session will target a variety of student populations with suggestions as to how to adapt them for other populations and various content areas.

PRESENTER: Leecy Wise
Consultant and Teacher Trainer / CDE/AEFL

NETS-T: Facilitate and Inspire Student Learning and Creativity

GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Jacques Peak

1111

Film Festival Bootcamp

Keynote Speaker

Imagine having your team, grade level or school's own Oscars! A film festival can electrify a learning environment with unprecedented excitement. However, just giving students a computer and a digital video camera does not a quality product make! In fact, in all probability, few people realize how focused a learning exercise making a movie is. Many who have tried to initiate a project of this type have met with frustration or perhaps ended up with products that did not meet their expectations. Or perhaps you simply want to take the products your students are creating to a much higher level. This workshop is for you, because with projects this complex, systematic training is a must!

PRESENTER: Dr. Tim Tyson
Professional Development Consultant / drtimtyson.com
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
LOCATION: Bighorn B

1112

iWork '09

In this session, we'll explore iWork '09 and the Pages, Keynote and Numbers programs.

PRESENTER: Patrick Benko
Account Executive / Apple, Inc.
CO-PRESENTER: Frank Vretos
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Other
LOCATION: Bighorn C1

1114

Technology Literacy Assessment Project (TLAP)

See the pilot online assessment produced by the state's Technology Literacy Assessment Project (TLAP). The online assessment was designed and developed by a consortium of Colorado school districts and the Centennial BOCES to meet the federal reporting requirements related to "technology literacy" for all students who have completed the 8th grade. In addition to the online assessment, TLAP has created online professional development modules that will help you use assessment to support students' acquisition of technology literacy. The project also seeks to provide guidance in the development and implementation of technology standards into core content standards with innovative methods to improve use of technology and information resources to advance student learning. We look forward to talking with you about the pilot TLAP experience and how to support 21st century learning in your curriculum and school environment.

PRESENTER: Stevan Kalmon
Director of the Technology Literacy Assessment Project (TLAP) / Council on 21st Century Learning

CO-PRESENTER: Denise Atkinson-Shorey

NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments

GRADE LEVEL: Middle, Other
LOCATION: Ptarmigan A

1115

Fifteen Web Gems Your Teachers Will Love!

Session participants will learn about 15 practical, free web utilities they've just got to have! From simple tools like an online stopwatch, a super easy photo editor and parent conference scheduler, to applications for easy screen casting to convert YouTube videos for future playback. They're digital gems that will make teaching easier.

PRESENTER: Robin Brown
Media Technology Specialist / Irish Elementary
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan B

1116

Using elnstruction Clickers to Inform Instruction

Do you ever wonder how many of your students really "get" a new concept? When grading student work, have you ever been frustrated to discover that your students really didn't understand a concept as well as you'd thought? Come experience several mini-lessons taught using elnstruction clickers. Discover how these valuable tools can save you from those unpleasant surprises and can help you create a more interactive and cooperative classroom. Try different "modes" available in elnstruction's Classroom Performance System (CPS) clicker software. Roll your sleeves up and create a lesson (or two) using CPS, then, spend time working in small groups to share ideas with others. (Note: CPS runs on both the Mac and PC platforms; the hands-on part of this session will use the PC platform.)

PRESENTER: Elizabeth Walhof
Technology Resource Teacher / Chaparral High School
CO-PRESENTER: Lisa Gorhum

NETS-T: Design and Develop Digital-Age Learning Experiences and Assessment

GRADE LEVEL: Elementary, Middle, High School, Higher Ed
LOCATION: Ptarmigan C

1117

Design With Forever in Mind: Capture Your Learning

From class to class and year to year, many students are unable to put the pieces of their educational lives together. Design With Forever in Mind concerns how lesson planning, instruction, student and teacher reflection and learning drastically change when educators continually capture the learning. This presentation's focus on creating learning objects describes a ripe environment for authentic learning that requires total portability of learning for students and teachers. Concretely, this presentation will outline the ways in which teachers can collaboratively plan reusable lessons; students can capture and continue to expand upon their creative projects; and all learners can catalog their own learning and place it into "folksonomies" that connect learning rather than artificially separate it.

PRESENTER: Ben Wilkoff
Online Learning and Technology Resource Specialist / Douglas County School District
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School, Higher Ed, Other
LOCATION: Upper Schoolhouse

1118

Photo Story 3: To Infinity and Beyond!

Photo Story 3 is a free Windows program from Microsoft that allows you to create a multimedia presentation from digital images. Using Photo Story can enhance student learning and is a great tool for digital storytelling. It can be integrated into your teaching in many ways and is simple to use. You can easily add special effects, music, titles, captions and your own voice narration. Learn how to integrate other programs that are commonly used in the classroom to create graphics for Photo Story 3. Elementary students created the examples, however this program can be used at any grade level.

PRESENTER: Charlene Baker
Instructional Technology Specialist/Coordinator Silver Creek Elementary

NETS-T: Facilitate and Inspire Student Learning and Creativity

GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Lower Schoolhouse

1119

Gear Up With GarageBand!

Fun and powerful, GarageBand is a versatile application that opens the door to creativity. Regardless of your musical experience, you can be creating in no time! This session will show you the ease with which you can learn this amazing application. We will also complete a variety of projects you can use with your students. From music production to podcasting and recording, GarageBand offers limitless possibilities. We will also discuss hardware concerns from simple to advanced. Participants will go home with new ideas and a resource bank of projects and assessments. Design and Develop Digital-Age Learning Experiences and Assessments

PRESENTER: Therese Laux
Educator / Omaha North High Magnet School
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Mountainside

WEDNESDAY
8:30-11:30AM

2101
Using Promethean ActivBoards:
The Basics and Up

Do you have a Promethean board in your room, school or lab? Do you have any idea how to use it? Or are you a budding expert looking for more ideas? This class will cover it all, from “what the heck is this thing?” to how to create fun interactive lessons that make your students say, “Wow!” Whether you have never used a Promethean board or have been using one for years, you will get something useful out of this class, including time to create a lesson to take home for next year.

PRESENTER: Dave Dellwardt
3rd Grade Teacher/Tech Coach / Coyote Ridge Elementary
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Wheeler A

2102
Creating Tutorials Using Camtasia

Learn how to create on-demand professional development training tutorials. Put video to work in your teaching. Engage your audience! This session will show you how to use Camtasia Studio to easily record, edit and share videos of onscreen action including narration. Learn to give your presentation once, and share it as many times as you want. Have your students create a video presentation instead of a boring PowerPoint. Learn how to capture PPT presentations with a click, record and highlight interaction with websites or applications, emphasize and elaborate with callouts, measure retention with Flash quizzes, collect quiz results via email or a SCORM compliant Learning Management System and make content accessible with closed captioning. You can easily share your videos via email, posting them on your school website or podcasting.

PRESENTER: Donna Crawford
Coordinator of Instructional Technology
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Wheeler B

2103
O.P.E.N. Your Classroom for 21st Century Learners
This session provides an opportunity for participants to assess their digital toolbox and look into key factors that make technology implementation in education a success:

Optimizing technology
Planning that provides solutions
Engaging students and setting realistic learning targets
Networking ideas to work efficiently in this new learning environment.

This session includes great websites for integration and professional development as well as techniques to enrich your technology toolbox. We will share ideas and information regarding our success in using blogs and wikis. Additionally, we will discuss influential technologies such as document cameras, student response systems, interactive whiteboards and tablets as well as other tools and ideas to be considered when creating a progressive learning environment geared toward 21st century learners. This session is for all grade levels, content areas and experience levels.

PRESENTER: Kay Bolerjack
Technology Specialist / East Elementary School
CO-PRESENTERS: Nicolette Vander Velde, Chris Moore
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary
LOCATION: Wheeler C

2104
CSSD 11 Aligned Curriculum Online
You are cordially invited to experience Colorado Springs School District 11’s continuously updated, online aligned curriculum. It has grown into a banquet of delectable resources for teachers, parents and students. It has an Understanding by Design format, including Response to Intervention, English Language Learners and Gifted and Talented resources, and United Streaming videos. Come and enjoy yourself!

PRESENTER: David Malone
Director of Curriculum and Instruction
CO-PRESENTER: Julie Shaw
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: West Hall

2105
Education 2020: Developing a Vision for the Future of Education
The future graduating class of 2020 has just completed first grade. Now ten years into the 21st century, we know without a doubt that the current system of education was designed by and for a different era, yet we still do not have a common, clear vision for how a 21st century classroom should look and feel. What motivates learners in this age of connectivity and information? How do we prepare them for jobs that don’t even exist yet? See how McREL’s research and work in the field can inform our understanding of how to change learning environments so that they motivate, excite and prepare our students for the future.

PRESENTER: Elizabeth Hubbell
Lead Consultant / McREL
NETS-T: Engage in Professional Growth and Leadership
LOCATION: Bighorn B

2106
RealeWriter
Take your K-12 students on a writing adventure with RealeWriter. Your students will love being able to go through the entire writing process and come out with a book that can be published in a variety of ways. They may print out a hard copy or contribute it to an online library. The online version will allow the author to include sound with their text. This program is user-friendly and easily adaptable cross-curricular. You will find your students learning not only traditional academics, but practicing technology skills.

PRESENTER: Kelly McKay
3rd Grade Teacher / Chatfield Elementary
CO-PRESENTERS: Brenda Trout, Jeff Ventling
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ponderosa



2107
Poetry Integration “Apple-Palooza”
You’re a poet and you don’t even know it! Through the creation of poetry across all content areas, this hands-on session will guide your exploration into a wide variety of technology based lessons, samples, assessments, projects, etc. You will learn how Apple software such as Photo Booth, iPhoto, GarageBand, iMovie, Pages and Keynote can be used to create and publish original works of poetry while integrating writing with visual media. A variety of poetry types, including onomatopoeia, haiku, quatrain, cinquain, limerick, free verse and couplet will be explored in this session. You will learn to focus your instruction using a project-based model that emphasizes area higher order thinking and communication skills. You will be able to apply this new knowledge to your instruction back in the classroom.

PRESENTER: Sherri Clemens
Technology Instructor / Trailblazer Elementary
CO-PRESENTER: Kim McMonagle
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Lodgepole

2108
Introduction to Frames: Digital Storytelling
This is a hands-on workshop designed to introduce teachers at all levels to the Frames program. Frames engages students in their learning regardless of the curriculum being addressed. It allows students to create different animations in order to tell a story digitally. Students can also use Frames to demonstrate a math concept, depict a historical figure or show the results of a science experiment. Whether animations are created using the Frames program or using Claymation and a digital camera, Frames enables students to be creative when telling a story. Besides creating animations and stories in Frames, movies and podcasts can also be produced as demonstrations of student literacy in technology as well as content areas. In this workshop teachers will see how easy it is to use Frames and will walk away with ideas and examples that can be used in the classroom.

PRESENTER: Kara Buttolph
Computer Instructor / Platte Valley Middle School
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bristlecone

2109
How to Be a Moodle School
Legend High School is using Moodle, a content management system, to transform how students access information for school. Students are using it to access information, print worksheets and take tests and quizzes, all online. We are reducing the cost for our school by using this free web-based tool.

PRESENTER: Tim Florian
Teacher/CRT / Legend High School
CO-PRESENTER: Jay Zimmerman
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Jacques Peak

2111
Education 2020: Developing a Vision for the Future of Education
The future graduating class of 2020 has just completed first grade. Now ten years into the 21st century, we know without a doubt that the current system of education was designed by and for a different era, yet we still do not have a common, clear vision for how a 21st century classroom should look and feel. What motivates learners in this age of connectivity and information? How do we prepare them for jobs that don’t even exist yet? See how McREL’s research and work in the field can inform our understanding of how to change learning environments so that they motivate, excite and prepare our students for the future.

PRESENTER: Elizabeth Hubbell
LOCATION: Bighorn B

2112
iLife ‘09 in Education
In this session, we’ll explore how iLife ‘09 can help you meet the NETS standards. GarageBand, iPhoto, iMovie, iWeb, iDVD and iTunes work together to help learners create content.

PRESENTER: Patrick Benko
Account Executive / Apple, Inc.
CO-PRESENTER: Frank Vretos
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Other
LOCATION: Bighorn C



2114
Using PhET Simulations for Science Inquiry
Do you want to help your students make sense of science? Interactive simulations can help students develop their understandings through life-like investigations and inquiry-based lessons. The PhET project provides a free website of simulations that are designed to support student learning. Salts and Solubility, Gas Properties, Reactions and Rates, Moving Man and Forces 1D are a few of the many free physical science simulations. This workshop will help you design effective lessons and implement lesson plans that other teachers have shared. We will help you use research-based PhET guidelines to provide activities for students to construct their own understanding of chemistry concepts. Learn about the research behind PhET and write a lesson for your class. Free PhET lessons and simulations are available at: <http://phet.colorado.edu>.

PRESENTER: Patricia Loeblein
Teacher / Evergreen High School
CO-PRESENTER: Stephanie Chasteen
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Ptarmigan A

2115
21st Century Learning and Assessments
Intel’s free, web-based thinking tools will be introduced to participants in this session. These tools will increase student collaboration and improve inquiry-based learning, creativity and other important 21st century learning skills. Participants will be instructed in the use of Intel’s Assessment Library where many authentic assessments are available. As a result of this session, participants will be able to set up their own teacher workspace and download classroom activities.

PRESENTER: Mary Hertzog
Math Teacher / Challenger Middle School
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan B

2116
Using Free Google Tools in the Classroom
Google has many free products and safe collaborative tools for the 21st century student. Teachers can use some of their features to find movies, music and books, to create lesson plans, and communicate with students and parents. In this hands-on session, the presenter will share her use of a variety of Google apps in the classroom, lesson plans connected to standards and show samples student work. Attendees will be able to sign up with Google and learn to use their tools as part of the presentation.

PRESENTER: Karen Webster
Computer Instructor / Dolores High School/Middle School
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle, High School
LOCATION: Ptarmigan C

2117
Search Engines: Finding What You Want
Learn to use search engines to find what you want. Most people type in a few keywords and get hundreds of thousands of results. Learning to use a search engine will allow you to narrow your search to the point where the top two or three items will have what you are looking for. Learn to search specific sites and for specific information on those sites. Also learn how to confirm that a site is legitimate and what other sites might link to it.

PRESENTER: Rick Spitzer
Retired Technology Director
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Upper Schoolhouse

2118
Connect With E-Learning
Create and experience e-Learning using Adobe Connect and Adobe Presenter in this hands-on session. Learn to quickly produce online classes and connect students with audio, video and interactive simulations to address a variety of learning styles, just like you would in a physical classroom. Please bring your digital camera and a microphone for the hands-on portion if you can!

PRESENTER: Joe McBreen
Director of Instructional Technology and Library Services
CO-PRESENTER: Jeremy Sims
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Lower Schoolhouse

2119
Flash for the Middle School Student
How do you teach Flash to students in middle school so that they get a good grasp of the tools and power of the program without being overwhelmed? A proven step-by-step curriculum will give you ideas for teaching Flash to your students. In this hands-on session, you will learn to use the program yourself.

PRESENTER: Martha Wilcox
Teacher / Merrill Middle School
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle, High School
LOCATION: Mountainside

WEDNESDAY
1-3PM

2201
Fun and Learning With Remix
Are you hearing about mash-ups and remixing media from your students and feeling clueless? Could remixing have any relevance to your teaching? Are these activities illegal? Come learn how to remix YouTube videos, digital photos and music. Develop a lesson plan that asks your students to create their own mash-up, or digital age collage, to present their new knowledge on a topic. Review Creative Commons copyright licensing and get online digital media repositories resources that are copyright-free. Drive higher level thinking skills by asking students to deconstruct media and remix it. Blooms would be happy to see activities that include analysis, evaluation, explanation, composing and creating in action while engaging a variety of learning styles while deeply connecting learners. Media will be provided for practice; you can also bring music, headphones, flash drives and content that you may want to remix and while having some digital fun!

PRESENTER: Alison Saylor
Teacher / Everitt Middle School
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Middle, High School, Higher Education
LOCATION: Wheeler A

2202
Make Clickers Work for You
Clickers, aka "personal response systems," are popping up in schools across the state. That's great, because students usually like them and they help prepare students for university (where clickers are often used quite heavily). We'll show you how clickers offer a powerful way to teach science, increasing student engagement by going beyond simple quizzes. We'll explain how we have transformed our classrooms by using clickers to promote peer instruction. Research on how clickers are best utilized to help students learn will be shared. You'll have time to practice writing good questions in your content area and get tips on teaching students to productively argue and reason through the questions. The last hour will be spent covering the technical aspects of using different clicker systems.

PRESENTER: Stephanie Chasteen
Science Teaching Fellow / CU Boulder
CO-PRESENTER: Patricia Loeblein
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle, High School, Higher Education
LOCATION: Wheeler B

2203
Using Comics to Encourage Reluctant Writers
This session allows elementary teachers to experience how creating cartoons and comics, and using humor, encourages writers from 1st - 5th grade. You will leave with several ideas to use with your students in the fall.

PRESENTER: Denise Blevins
Teacher / Pete Mirich Elementary
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary
LOCATION: Wheeler C



2204
Increase Reading and Writing Skills Using the Internet
Your students want to instant message and work online. You want them to increase their reading and writing skills. Why not combine both? Attendees will be introduced to two different online programs, Think.com and Kerpoof. Using these programs, students apply reading and writing skills while creating web pages and movies, instant messaging between classmates, meeting students from around the world and more. Teachers are able to review all student work and make suggestions for changes, while assessing students' online etiquette. Both programs use unique usernames and passwords so students' work is protected and accessible to only the student and/or the teacher.

PRESENTER: Nola Daily
Technology Teacher / Dos Rios Elementary
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle
LOCATION: West Hall

2206
Create Media-Rich Lessons With FREE PBS Resources
Teachers' Domain is an online library of more than 1,000 free media resources from the best in public television. Featuring media from NOVA, Frontline, Design Squad, American Experience and other public broadcasting and content partners, these classroom resources are easy to use and correlate to state and national standards. You'll learn how to download and use video and audio segments, Flash interactives, images, documents, lesson plans and student activities. Participants will walk away with a customized folder of resources that can be shared online with colleagues and students. In addition, we'll explore online professional development options from PBS TeacherLine that span across the curriculum, including technology integration courses.

PRESENTER: Katie Eck
TeacherLine Coordinator
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ponderosa

2207
Breaking the Linear Mold: Multimedia Presentation
We all know that the computer, projector and PowerPoint have replaced the old slide projector; hundreds of tiny static photos, and the phrase, "Next slide please." But did you know that PowerPoint could also be combined with videos, sounds, effects and interactive white boards to create an engaging multimedia presentation? Make your class a clickable place, by exploring the necessary steps for building an engaging multimedia presentation.

PRESENTER: Kim Randall
Professional Development Specialist/ Discovery Education
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessment
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Lodgepole

2208
Power With Power Point
In grades first through sixth there are many lessons you can teach that will both incorporate classroom studies and fulfill your Technology standards. I have a variety of lessons I would like to share with some fellow colleagues that involve the use of technology without being too "techie."

PRESENTER: Angie Mortensen
Technology Teacher / Stargate Charter School K-8
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary
LOCATION: Bristlecone

2209
Web 2.0 for Marians!
Tweet, Twitter, Twirl, Zoho, Kerpoof, blog, wiki, Porteus, Things, Gadgets, widgets, SketchUp! Do you sometimes feel that Web 2.0 is some kind of Dr. Seuss encyclopedia? This class will go over some of the more popular, free online applications and tools that can be used in libraries and schools. Participants will have a chance to try out these applications and see what they may be able to use in their libraries, schools, or home.

PRESENTER: Carol Peterson
Educational Technologist
CO-PRESENTER: Kim Ackerman
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Jacques Peak

2210
Internet Sports Broadcasting
We are in a time where schools are capable of broadcasting their weekly or daily school news shows using the Internet with ease. It is time to take the next step. In this session, you will learn how to get your school up and running broadcasting live school sporting events. By utilizing equipment currently in your school, along with other inexpensive hardware, your school sports teams will be live and available for the world to see. Wheat Ridge High School has broadcasted over fifty live sporting events over the past two school years. We will share best practices in staffing, research, production and DVD creation. We will demonstrate Windows Media Encoder software as well as free web broadcasting tools, such as Ustream and Mogulus. Through the creation of these broadcasts, students have gained real world skills that prepare them for careers or extended studies in sports broadcasting. Come with your questions and let us help you be ready to broadcast at your school this fall.

PRESENTER: Dan Watkins
Technology Coordinator/Digital Media Teacher / Wheat Ridge High School
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
LOCATION: Union Peak

2211 *Featured Speaker*
Using Technology With Classroom Instruction That Works
This workshop is based on the material in Using Technology With Classroom Instruction That Works (Pitler, H., Hubbell, E.R., Kuhn, M., & Malenoski, K., 2007). This workshop begins with an overview of nine research-based strategies for increasing student achievement. Participants will take part in guided practice using seven categories of technology with powerful instructional strategies: word processing, spreadsheet software, web resources, organizing and brainstorming software, data collection, communication software (including Web 2.0 applications) and multimedia. This workshop is appropriate for teachers of all grade levels.

PRESENTER: Elizabeth Hubbell
Lead Consultant / McREL
NETS-T: Engage in Professional Growth and Leadership
LOCATION: Bighorn B

2212
iPod Touch: A Portable, Mobile Computing Platform
Innovative educators are using the iPod as a powerful educational tool in an effort to meet students' academic needs and to help them achieve 21st century literacy. The iPod Touch, with built-in wireless, Internet browsing capabilities and applications provides fresh perspective on portable computing.

PRESENTER: Dr. Dan McCormack
Education Development Executive / Apple, Inc.
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: High School
LOCATION: Bighorn C1

2213
SMART Board Basics
Whether you're a brand-new SMART Board user or are just looking to brush up on the basics, join us for this exciting session. See how easy it is to use a SMART Board interactive whiteboard. Discover the power of having all of your resources at the tip of your fingers. At the heart of every SMART Board lies the award winning SMART Notebook software; it enables teachers to consolidate digital content and create multimedia lessons for the 21st century learner.

PRESENTER: Carrie Rigney
Educational Consultant
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessment
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bighorn C2

2214
Exploring the World Through Technology
This workshop will take you to Rwanda and the Democratic Republic of Congo where the last remaining mountain gorillas in the world reside. Your mode of travel will be travel4life.org, website of author, photographer and world traveler Dean Jacobs. Mr. Jacobs has been working with the Dian Fossey Gorilla Fund International, reporting on projects involving the mountain gorillas and other worthwhile causes. Learn how students connected with Mr. Jacobs while he was in Africa by reading articles, watching podcasts, taking notes, writing letters to post on his blog and receiving letters in return. Find out how students were able to speak with Mr. Jacobs live while he was in Africa through a webcam, Smart Board, Skype, and Elluminate eLearning software.

PRESENTER: Amy Tharp
Instructional Coach and Literacy Specialist / Highland Elementary
CO-PRESENTER: Dean Jacobs
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan A

2215
Teachers Learning in Networked Communities: TLINC
TLINC, or Tapped In, is the online workplace of an international community of education professionals. K-12 teachers and librarians, researchers, professional development staff, teacher education faculty and students engage in professional development programs and informal collaborative activities with colleagues online. TLINC helps districts explore ways to build collegial support and skilled guidance that use innovative strategies and technologies to communicate with educators and to think outside the proximity boxes of time and geographic location. A key component of the project design is close collaboration between a higher education institution that prepares new educators and the school district it serves. Come experience a new and innovative online method to support new educators and provide an online communication and professional development tool for veteran teachers.

PRESENTER: Annette Sills-Brown
Specialist - ProComp / Leadership and Development Dept.
CO-PRESENTERS: Anna Sellars, Shirley Scott
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Ptarmigan B

2216
Using Wiki Pages for Instruction
Using a free wiki page-hosting site, learn how to set up a wiki page and get teachers to use it to help integrate technology into classroom instruction. We will view the Del Norte High School library wiki page and discuss some of the ways teachers are using this space for classroom instruction and enrichment, as well as to demonstrate student work.

PRESENTER: Terri Day
Library Media Specialist / Del Norte High School
CO-PRESENTER: Trish Velasquez
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan C

2217
Web 2.0 and Computing in the Clouds
Want your students to have anywhere, anytime access to collaborative tools and projects? Money tight? Web 2.0 and cloud computing options may be just what you are looking for. Many of these tools are free and offer new and different options for you and your students to create, collaborate and contribute. Come to experience the possibilities.

PRESENTER: Sue Zoeller
Technology Specialist / Campus Middle School
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Upper Schoolhouse

2218
Digital Interaction Creates Understanding
Project Based Learning is at the center of 21st century Curriculum. This session will focus on critical thinking strategies for using primary sources, biographies and nonfiction materials with students. Participants will begin with an overview of web resources learning techniques for analyzing and extracting stories. Then, using PhotoStory and other free applications, they will build an assessment that demonstrates student understanding of an event, person or process.

PRESENTER: Bonnie Grover
4th/5th Grade - Promethean Certified Trainer / Avery Parsons Elementary
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle
LOCATION: Lower Schoolhouse

2219
Establishing and Developing a Student Led TV Program
Lewis Palmer Middle School launched its student led television program (LPTV) in January 2006. Find out how this school-wide TV production program evolved, from an after school club to a regular elective class producing a monthly half-hour TV show, into the recipient of national acclaim and recognition. The LPTV Veteran's Day broadcast, honoring local veterans in the northern El Paso County community of Monument, is archived in the Library of Congress. Dan Marcus, teacher and sponsor, will share how to establish and develop a student led TV production program from the ground-up using limited funds and resources.

PRESENTER: Dan Marcus
Teacher / Lewis Palmer Middle School
CO-PRESENTER: Liz Warnken
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Mountainside

2220
Delivering High Performance Wi-Fi in Educational Environments
With 802.11n and the advent of multi-radio architectures, the capacity and performance of wireless networking has increased dramatically. This educational presentation will examine the features, requirements and challenges to planning and deploying high-performance Wi-Fi networks in educational institutions. It will also provide wired and wireless strategies to get the most out of existing Wi-Fi technologies, as well as preparing your network to support the demands of these high performance tools.

PRESENTER: Curtis Reid
Regional Manager / Xirrus
NETS-T: Model Digital-Age Work and Learning
LOCATION: Hasty's

WEDNESDAY
3:30-5:30PM

2301
Elementary Technology Transformation in 37 Easy Steps
In four years, Carl Sandburg elementary school went from technology tag-along to a leader in technology integration in the classroom. It took vision, cultural changes, collaboration, technology investment, district resources, community support, key staffing additions, more collaboration and lots of dedicated work. In this session, you'll learn about successful strategies for implementing everything from robotics to almost 1:1 computing, from digital cameras for Kindergarten to netbooks for 3rd graders. Whether you're a teacher looking for practical ideas to develop 21st century skills for your students, an administrator looking for strategies to build staff technology confidence, or an IT professional supporting classroom implementations, this session will give you at least 37 actionable ideas.

PRESENTER: Steven Newell
Director, Science Center / Carl Sandburg Elementary
CO-PRESENTER: Marj McDonald, *Principal*
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle
LOCATION: Wheeler A

2302
Classroom Performance System: Clicking to Success
See the pilot, online assessment produced by Colorado's Technology Literacy Assessment Project (TLAP). A consortium of Colorado school districts and the Centennial BOCES designed and developed the online assessment to meet the federal reporting requirements related to technology literacy (TL) for all students completing the 8th grade. In addition to the online assessment, TLAP has created online professional development modules to help you use assessment to support students' acquisition of technology literacy. The project also seeks to provide guidance in the development and infusion of technology standards into core content standards, including innovative methods to improve the use of technology tools and information resources to advance student learning. Come see the pilot TLAP experience and learn how to support 21st century learning in your curriculum and school environment.

PRESENTER: Janelle Reding
3rd Grade Teacher / Heritage Elementary
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Wheeler B

2303
Google Applications in the Classroom
Have you ever wondered what Google Applications for Education would really look like in a school? We are happy to share the experience of our full school deployment. Demonstrations and activities with Google Sites, Docs, Mail, and Calendar will take place. If you have never used a Google account or if you have already implemented Google Apps in your classroom this presentation will help you get the most out of these powerful tools. Participants will come away with hands-on experience in collaborating with Google Documents, building a website with Google Sites, using Google Calendar and integrating these applications together.

PRESENTER: Kyle Addington
Building Technology Coordinator / Horizon High School
CO-PRESENTERS: Shawna Verbeke, Jennifer Alevy
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Wheeler C

2306
Come and Get Organized With OneNote
Need to get organized? Do you take a lot of notes? Need to simplify finding files? If you answered yes to any of these questions, come learn how to use OneNote, included with the Office 2007 suite.

PRESENTER: TC Travis
Directory of Technology / Wray School District
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School, Higher Ed, Other
LOCATION: Ponderosa

2307
Sociomedia 101: Transforming Learning With Technology
The increasingly social aspects of technology and the Internet allow for new approaches to teaching and learning. They foster interaction and collaboration. By connecting students to real people and real issues in the real world, technology can facilitate student inquiry and engagement in ways that would not otherwise be possible. Students are no longer mere consumers of information; technology has opened new avenues that encourage active creation and sharing. Teachers, however, are often described as immigrants to this new digital world. This session, part one of a two part series, focuses on teaching teachers how to design learning opportunities that encourage student driven inquiry, production and publication. It will help teachers understand the power and pitfalls of sociomedia. Participants will learn the language of the digital world and what is meant by transformative technology. The second session will focus on the technology tools that will help bring it all to fruition.

PRESENTER: Jim Hutchinson
Media Specialist / Windsor High School
CO-PRESENTER: Bryan Gartner
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Lodgepole

2308 Building a Bigger Builder

If you use technology with students, and you have Discovery Education (DE) streaming, there are features you may not have explored. During this session we will show you ways to use the web, video, computer and your own imagination to take curriculum assessments to the next level. Master the tools your school provides with the master builder! If you don't have DE streaming, leave with a passcode that will let you explore a new realm of instruction.

PRESENTER: Kim Randall
Professional Development Specialist/ Discovery Education
CO-PRESENTER: Jennifer Jensen
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bristlecone

2309 The Information Literate Student: Learning From News!

Students who access information through technology and digital primary sources, like the Denver Post, make research and current events easy. The Newspaper In Education program engages students to think critically, make inferences and look at past and present issues. Newspaper In Education is still free and now 100% digital.

PRESENTER: Dana Plewka
Educational Services Manager / Denver Post Educational Services
NETS-T: Promote and Model Digital Citizenship and Responsibility
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Jacques Peak



2310 The Future Was Tired of Sitting in Committee...

What would happen if someone created a daily curriculum modeled on Grant P. Wiggins and Jay McTighe's 'Understanding by Design, Dr. T. Roger Taylor's Multiple Intelligence Product Grid, and attributes based on the Partnership for 21st Century Skills in a daily Inverse Lesson Plan? What if we taught from an interactive lesson plan? What if tier 1 differentiated instruction was built into every lesson? What if you could get to the highest facets of learning after 15 minutes in your classroom? What if getting students to learn through repetition occurred through several different media presentations all in one class? What if each teacher was able to pick and choose from a library of educational materials for their own class, but still be teaching the same thing that every teacher in the same subject/grade was teaching statewide? It's not "What if?" any longer! The future was tired of sitting in committee, so we started to build it. Come to hear how District 11 is creating the classroom of the future.

PRESENTER: Tim Kazimer
Online Learning Project Coordinator / Central Administration
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Union Peak

2311 Give Me Something I Can Use Now (Part 2)

In his role as District Library Media Trainer for Douglas County Schools, Pete Vincelette has created many technology-based projects aimed at improving instruction. This sequel to his previous TIE presentation will include several creations from the past few years. Attendees will learn about and receive instructional tools that incorporate free online applications such as wikis, Drop.io, Jing, imageGenerator, Voicethread, PollDaddy and SurveyMonkey. Topics will range from library and literacy promotion to using public domain melodies to deliver subject area content.

PRESENTER: Pete Vincelette
District Library Media Trainer / Douglas County Schools
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bighorn B

2312 Using the Tools at All Times: Creative Collaboration

"Topless" meetings and PD sessions are a waste of time. Why simply talk, when you can create? Collaborative tools such as Google Docs, wikis, and blogs are not effective after the session is over. They can facilitate the heavy thinking and work done by a community of colleagues! This session will focus on how to use Web 2.0 tools to help all elements of planning and teaching: implement curriculum through a variety of content, support collaborative decision-making and to differentiate professional development.

PRESENTER: Sohne Van Selus
Principal / eDCSD Online Education
CO-PRESENTER: Benjamin Wilkoff
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bighorn C1

2313 Tech Tools for Struggling Learners

This presentation will focus on the use of hardware, software and the web to both engage struggling and reluctant learners and provide other ways of delivering content and assessing knowledge. Participants will gain understanding of the accessibility features of Mac and Windows platforms and learn about built-in features of a variety of different software programs. Ideas for using the iLife 08 suite will be shared, including how to make video social stories. Tips for using software such as Comic Life, iWork, Graph Club and Kidspiration will be also demonstrated. Additionally, the use of iPods and SMART Board technologies will be demonstrated. Finally, participants will be introduced to a number of different web sites including: Discovery Education, ReadWriteThink, Diigo, Diigolet, Wordle, Dipity, YoYoBrain, bookgoo and Gliffy. Each of these sites offer excellent resources or tools for instruction, accommodations and interventions tailored to students with a variety of learning disabilities.

PRESENTER: Catherine Beck
Learning Specialist/Digital Educator / Eagle Ridge Elementary
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle
LOCATION: Bighorn C2

2314 Wiki 2.0

Do you already have a wikispace, but wonder how you can set yourself and your students apart from everyone else? Learn how to transform an old-school wiki into a beacon of online interaction between yourself, students, parents and the wider school community. You will walk away from this session with your own energized wiki; bring your link and login! Note: This session is geared toward participants who currently have a wikispace.

PRESENTER: James Reiner
Teacher / Ames Elementary
CO-PRESENTER: Debra Shiflet
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan A

2315 Using Quality Web 2.0 Sites in Your Classroom

This presentation will show you how to successfully utilize several quality Web 2.0 programs in your classroom. The programs we will look at are: Wix, Glogster, GoAnimate, ClassTools, Pikikids, Spelling City, Tutpup and various online photo sites. All sites are currently free of charge and easily accessible. For each application, lesson ideas, standards, activities and examples for use in your classroom will be shared. Come learn about some of the best Web 2.0 tools for teachers!

PRESENTER: Heidi Atha
Computer Teacher / Avery Parsons Elementary
CO-PRESENTER: Diane Look
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan B

2316 Incorporating Clickers and Interwrite Boards

This presentation will share ideas on how to effectively incorporate "clickers" and Interwrite boards in the K-12 classroom. Participants will have the chance to share their ideas and they will receive sample lesson plans and ideas.

PRESENTER: Kristin Donley
Science Instructor / Monarch High
CO-PRESENTER: Kathleen Dickinson
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Ptarmigan C

2317 iRead, You Read, We Can All Read!

Join us to learn how we took a few MP3 players, a small stack of books, some amazing teachers, and turned our struggling elementary readers into life-long readers. We'll share with you our iRead project that began in one school and then has been expanded into 10 schools with many more to come. In this session we will share with you our district struggles with readers, our proposal, implementation, budget, and results. This is "not to miss" if you have below-grade-level readers in your school!

PRESENTER: Megan McQuinn
Teacher Librarian / Farrell B Howell ECE-8
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary
LOCATION: Upper Schoolhouse

2318 Book Reports Using Photo Story 3

Increase reading and writing excitement by having students create book reviews or reports using Photo Story 3. Attendees will use this free program, in conjunction with a book or online story, a microphone, the print screen command to create a book review or report. This project integrates computer skills with reading and writing proficiencies. In the process, students learn computer basics such as cut and paste. They practice their writing skills while they sequence the stories they read.

PRESENTER: Nola Daily
Technology Teacher / Dos Rios Elementary
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle
LOCATION: Lower Schoolhouse



2319 Lecture to Vodcast in Minutes

Do you wish you could vodcast, but don't have time? With a little bit of hardware (\$250-\$600) and a few minutes after class, you can turn anything that would go on a projector, notes, homework discussion, visual thought processes, into a live video. You can bring your class to students who weren't there, physically or mentally, and allow your students to review and learn at their individual paces. The session will discuss the use of tablets and/or document cameras, as well as software and Web upload options.

PRESENTER: Corey Kesler
Eaglecrest High School
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Middle, High School
LOCATION: Mountainside

2320 Technical: Wikis, Blogs and Podcasts

In this session, we'll explore server-based solutions to help districts provide wikis, blogs and podcasts to school districts.

PRESENTER: Mike Scott
Systems Engineer / Apple, Inc.
CO-PRESENTER: Frank Vretos
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessment
GRADE LEVEL: Other
LOCATION: Hasty's

THURSDAY
8:30-11:30AM

3101
Bring Stories to Life in Your Classroom!

In this hands-on, Mac-based workshop, you will learn how to take the age-old art of storytelling and bring it into the 21st century. Using Web 2.0 tools (blogs, VoiceThread, etc.) as well as iPhoto, GarageBand and iMovie, you will learn how to engage your students in both the writing process and the art of creating a digital story. We will start with giving you ideas on how to help students write the best script, pick the best copyright-free pictures and music and record their voice. We will compile it into an engaging iMovie package and discuss the multiple publishing options. Bring creativity and critical thinking into your classroom by learning about digital storytelling!

PRESENTER: Melissa Kreider
5th Grade / Trailblazer Elementary
CO-PRESENTER: Sherri Clemens
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Wheeler A

3102
Promethean Instruction That Works
Come and see how combining the use of Promethean interactive whiteboards with the research-proven best practices from Classroom Instruction That Works will make your classroom engaging and impressive. This session will showcase lessons that demonstrate effective, purposeful uses of Promethean products and will also provide participants with hands-on time to explore Activstudio, the software that comes with Promethean products. Attendees will have the opportunity to use the board and will leave with a selection of sample lessons that combine the strengths of Promethean's tools with the smarts of Classroom Instruction that Works. (Note: This session will use Activstudio on the PC platform; it's similar, but not identical to the Mac version.)

PRESENTER: Elizabeth Walhof
Technology Resource Teacher / Chaparral High School
CO-PRESENTER: Carol Geist
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Wheeler B

3103
Library Technology Play Date: A Hands-On Session
Come spend time with other librarians playing in a "sandbox." This hands-on session will provide you an opportunity to try out all those new technologies you hear about but don't have time to investigate. Network and share with your colleagues, learn from each other's educational technology expertise and experiences, and share and gather the best library technology learning projects from around the state!

PRESENTER: Connie Masson
Manager, Educational Technology / St. Vrain School District
CO-PRESENTERS: Nance Nassar / *CDE, State Library,* Nancy White / *Academy 20 School District*
Myra Giersdorf / *St. Vrain School District*
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Wheeler C

3104
Let's Get Into the 21st Century
What's the buzz about 21st century classrooms? Do you want to get out of the 20th century classroom and perk up your curriculum? To keep abreast of the incredible tools available online is exhausting. However, if you take the time, you will be amazed at the resources available for free. This session will give you great resources that are fun and easy to use in any curriculum. Be ready to sign up and experiment on sites that could make your job more interesting. Tips will be given to turn mundane material into life. I will demonstrate lessons that have proved very successful in my classroom. Be prepared to record your voice and experiment with radio effects to enhance current events, creative writing, science news or other content. Your students will look forward to coming to your class. You can check out my website and student sample work by visiting: <http://www.kidsnetsoft.com/html/home2.html>

PRESENTER: Chris Clementi
Computer Teacher / Mountain Ridge Middle School
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: West Hall

3106
Create a Web Page in Less Than a Day
Creating a web page has never been easier than a click and a drag, so easy an elementary student can do it. If you do not have a webpage and don't think you have time to create one, come to this session and leave with a page ready to upload to your district or home website. Using WebBlender makes creating interactive presentations and websites easy and fun. Produce rich sites with text, graphics, movies, Flash animations and hyperlinks. Share school reports, field trips and photo essays. WebBlender's online media library including podcasts, table objects and buttons you can customize makes creating web sites easier than ever before.

PRESENTER: Robin Brown
Media Technology Specialist / Irish Elementary
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Ponderosa

3107
Sociomedia 201: Transforming Learning With Technology
Building on the topics discussed in Sociomedia 101, this session focuses on identifying and learning to use the tools of sociomedia. Teachers will gain hands-on experience with communication tools that connect students to world, groupware and sites supporting collaboration; tools for collecting data, extracting meaning and sharing it; and audio video tools for digital story telling and editing. We will also explore tools for sharing student products: YouTube, Flickr, Creative Commons and Wikipedia. We will discuss copyright and "copyleft," how students can take ownership of their own work while recognizing and respecting the rights of others. Finally, we will address privacy issues and ways teachers can ensure student safety while still being part of a global community. The focus here is not "this is a cool application and look what we can do," but "this is a great learning activity and here are some applications that support and extend it."

PRESENTER: Jim Hutchinson
Media Specialist / Windsor High School
CO-PRESENTER: Bryan Gartner
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessment
GRADE LEVEL: Elementary, Middle, High School, Higher Ed
LOCATION: Lodgepole

3108
Harnessing the Power of Your Electronic Calendar
As administrators and teachers, we often utilize Outlook to help organize our life. Are we really utilizing these tools to their fullest potential? This workshop will bring together time management principles with the use of Outlook and other calendar/organizational tools. After a brief review of basic time management principles the focus will shift to discovering how Outlook can be utilized to maximize time efficiency. Participants will leave the workshop understanding how to manage an email mailbox as well as utilize the features of a calendar and task list. By learning to combine these tools, participants can find more time to do the things they love.

PRESENTER: Marc Nestorick
Principal / Kendallvue Elementary
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bristlecone

3109
Bump it Up! Creating Powerful Learning Experiences
Educators will explore the importance of rigor, relevance and relationships to creating meaningful learning experiences for the 21st century classroom. They will have an opportunity to practice "bumping up" or designing lessons or units using a framework developed by the International Center for Leadership in Education. Examples of best practices including backwards design, authentic problem-based learning and formative assessments, as well as the integration of technology and 21st century skills will be shared. Participants will use these strategies when designing their unit. The creative use of Web 2.0 tools will also be demonstrated. Time will be given for workshop participants to explore these tools.

PRESENTER: Nancy White
Information Literacy Specialist / Academy 20 School District
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Jacques Peak

3110
One-to-One Technology in the Math Classroom
Many districts like to call their math technology plans E3 or E4. They use words such as Engage, Excite, Enrich, Extend and Empower. Research has shown that Texas Instruments handhelds and classroom technology improve math achievement and can be used on ACT, SAT and CSAP tests. We will look at the TI-Nspire and the Navigator graphing calculators. We will also review the accompanying professional development materials, including free applications and classroom activities on our web site. It's a one-to-one technology solution that can be used every day with every student in every class for less than the cost of a computer lab. Teachers will be on hand to demonstrate how they use the technology in their classrooms. Be sure to join us if you are considering changes for your math or science departments next year.

PRESENTER: Sharon Bruce
Math Lead Teacher / Colorado Springs Christian School
CO-PRESENTER: Tom Hibbs
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle, High School, Higher Education
LOCATION: Union Peak

3111 *Featured Speaker*
Create, Communicate, Collaborate—Projects for the Global Classroom
Resources are tighter than ever, but luckily with the multitude of free resources now available online that should no longer prevent you from preparing your students for the 21st century. Howie DiBlasi will show you where to find free, accessible software and Web sites, and will demonstrate how to use these free resources to support teaching and learning while improving digital literacy. Strengthen your digital media skills, learn how to make global connections for your classroom and prepare for the future of digital classrooms. Learn how these new tools will allow you and your students to communicate, collaborate, and create content. Learn how emerging technologies can be used to support comprehension and 21st Century information literacy skills in the classroom. Explore the cornerstones of media—research, technology, and literature—through minds-on, hands-on learning that prepares them for living and working in the 21st Century.

PRESENTER: Howie DiBlasi
Educational Technology Consultant / Digital Journey
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
LOCATION: Bighorn B

3112
Podcasting Using GarageBand
Create, Collaborate, and Share! iLife, including GarageBand, provides the ultimate set of tools to support the new International Society for Technology Education's (ISTE) National Educational Technology Standards for Students (NETS). We'll show you how these tools work together to make podcasting streamlined and easy.

PRESENTER: Dr. Dan McCormack
Education Development Executive / Apple, Inc.
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessment
GRADE LEVEL: Other
LOCATION: Bighorn C1



3114
Student Driven Technology Integration
Many teachers want to integrate technology into their curriculum, but simply don't have adequate knowledge, skills or resources to do so effectively. Schools around the world have started using an abundant, locally available and frequently underutilized technology resource – their own students – to help integrate technology across the curriculum. This presentation will discuss the using GenYES / TechYES, a research-based, proven model. It has been successful at integrating technology across the curriculum. While improving the technology skills of teachers and students, GenYES / TechYES meets state and national technology standards.

PRESENTER: Douglas Byers
Technology Teacher (MS/HS) / Mescalero Apache School
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan A

3115
Flip Video in the Classroom
Kids flip for video and you will too! If you want to use more video in the classroom but have been unsure where to start, this session is for you. Walk through a highly engaging middle school life science lesson that uses Windows Movie Maker, Flip video cameras and Audacity software. Flip video cameras are inexpensive, fun and easy for students to use. Questions about purchasing equipment and storing video will be addressed. You will receive a complete 7th grade Life Science lesson plan that can easily be applied to other content areas as well as guidelines for avoiding pitfalls that can hinder success. Suggestions for showcasing the video and providing students with authentic audiences for their work will be shared.

PRESENTER: Amber Miskimon
Teacher Librarian / Oberon Middle School
CO-PRESENTER: Erin Mayer
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Middle
LOCATION: Ptarmigan B



3116
Google Geography: Maps Meet Multimedia
If you still think of a map as a static object on a piece of paper, it's time you revisited maps! We'll explore a variety of uses for maps in all subject areas and plan ways you can start using these incredible resources the first day back in class. You'll leave this workshop able to create your own interactive maps using Google Maps and Google Earth. You'll learn how to create your own placemarks on a map, add commentary, pictures and links to other web resources and then publish them for the world. Build collaborative projects that integrate learning in a motivating environment. This is the best of Web 2.0: create, collaborate and explore global connections.

PRESENTER: Phil Biggs
Instructional Technology Specialist / Information Systems and Technology Department
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Ptarmigan C

3117
Wonderful World of Wikis
Up and down the hallways of every school, many teachers have their own wiki. You should have one too! This session is specifically geared to the beginner to mid-level technology user who wants a website that is simple to create and even easier to update. Learn how in one hour, create one in the next hour, then learn to easily add a daily or weekly audio podcast or amazing Web 2.0 applications (picture viewers, online timeline, talking avatars, etc.) to your page. Bring your creativity and ideas about what you would like to include on a webpage and become a 21st century teacher! All resources and training materials will be available online.

PRESENTER: Candace Stocker
Educational Technology Coordinator
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Upper Schoolhouse

3118
Flash CS3 for Teachers
Flash is a popular program used for animation and interactivity as well as presentation of video on the web. Students and teachers can use the program to enhance learning, and make innovative and creative presentations in the classroom. Flash challenges students to engage in problem solving, digital communication and information presentation. This workshop focuses on learning the basics of Flash. Participants will learn to use Flash drawing tools, basic animation techniques and how to convert Flash files for use on the web and video sites. Instruction will focus on educational uses of this powerful software, providing participants hands-on, step-by-step instruction and resources including files and links to online resources.

PRESENTER: David Widener
Director of Technology Instruction and Curriculum / Woodward Academy
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle
LOCATION: Lower Schoolhouse

3119
The On Button: Instant and Always On Collaboration
Collaboration must be instant and always on. This means that learning spaces must not follow the complex login hoops of most blogs and wikis. Collaboration spaces must be made to allow for instant video, audio and text communication. They must aggregate information from everywhere and store it as an archive of learning and for professional development. They must work directly into a student and teachers' workflow, taking both e-mail contributions, the only tool for many teachers, and Facebook statuses, the only tool for many students. Learn how it is possible to make collaboration as easy as pushing the on button by using TokBox, skrb!, the FeedWordPress plugin, Posterous, tag aggregation from all major multimedia sites, and TextMarks.

PRESENTER: Ben Wilkoff
Online Learning and Technology Resource Specialist / Douglas County School District
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Mountainside



THURSDAY 1-3PM

3201
Using SMART Board in the Middle School Classroom
In this session, content area activities will be demonstrated for Language Arts, Science, Math and Social Studies. Learn how to use the SMART Board to increase student achievement and engagement. The integration of SENTEO clickers will be shared as well.

PRESENTER: Meagen Fox
Teacher / Campus Middle School
CO-PRESENTER: Kathy Searle
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle
LOCATION: Wheeler A

3202
Movie Maker Magic
This session will demonstrate classroom language arts projects created with Windows Movie Maker and Paint software. Learn how students recreate a child's storybook as a digital storybook by importing it into Movie Maker and adding narration. Digital flipbooks are produced by combining pictures made with the Paint application and animated with Movie Maker time adjustments. "Claymations," a class favorite, are the result of photographing clay objects and combining the clips and student narration to make a movie. Integrated learning podcasts will be shared as well.

PRESENTER: Angie Mortensen
Technology Teacher / Stargate Charter School K-8
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle
LOCATION: Wheeler B



3203
Quick and Easy Wiki for Classroom Use
Teachers and student teachers love using PBWorks, and other easy to use wiki tools, to build an online presence for their classes. They can dazzle students with digital content including embedded video and homework assignments, all in just a few minutes on the web. Join Jill Lester, an academic technologist for the School of Education at the University of Colorado in Boulder, for a straightforward, effective hands-on workshop on building a simple wiki. Participants can bring wiki content (e.g. a list of readings, identified videos from known video share sites, images, graphics etc.) to the session on a flash drive or retrieve it via email. Attendees can expect to have a live wiki presence up and running on the web by the end of the presentation.

PRESENTER: Jill Lester
Academic Technologist / University of Colorado School of Education
NETS-T: Model Digital-Age Work and Learning

GRADE LEVEL: Middle, High School, Higher Education
LOCATION: Wheeler C

3204
Using Alice to Teach Programming Concepts
Alice software, developed at Carnegie Mellon University, is a free programming application available to schools and students. Alice is a great tool for teaching the fundamentals of programming. Students create animated characters and situations using drag and drop commands. They are able to learn programming logic and sequencing without the need to memorize complex programming syntax. It has been found to be particularly successful in teaching girls programming logic in a non-threatening manner. In this session, participants will learn how to create original animations using Alice. They will add characters, manipulate them using the drag-and-drop programming commands and sequence them into animated stories.

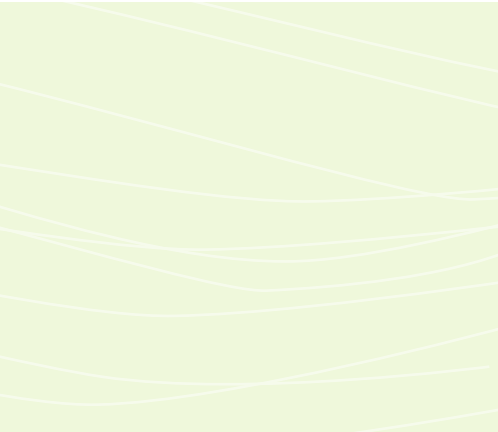
PRESENTER: Diane Look
Technology Instructor / McGinnis Middle School
CO-PRESENTER: Heidi Atha
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Middle, High School
LOCATION: West Hall

3206
Challenges to Inquiry-Based Science
Reading, writing and technology are integrated so that students have the broadest access to conducting inquiry-based science. Best practices in reading, writing and technology will be discussed. A proper balance of all three will also be discussed.

PRESENTER: Kevin Brooks
Science Teacher / Littleton High School
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: High School
LOCATION: Ponderosa

3207
Student-Centered Learning and the Role of Technology Modules
Student-centered technologies (SCT) refer to instructional technology strategies that foster deeper learning, embed authentic assessment and enhance student learning through learning communities and teacher facilitation. This two hour, interactive workshop will focus on four aspects of SCTs. First, we will briefly examine the latest SCT research and identify practical strategies for their application. Second, we will analyze your class syllabus, examining your learning goals in consideration of SCTs and tie them to National Education Technology Standards. (Bring a digital example for at least one class, upper-elementary through college.) Next, we will review instructional technologies that foster student-centered learning, including Web 2.0 applications and low-threshold technologies (face-to-face and online), and practical instructional strategies. Lastly, using a hands-on approach, we will incorporate at least one SCT-based strategy into your class and syllabus. You're encouraged to attend with a teaching partner.

PRESENTER: Mike McDonald
Associate Professor of Education / Nebraska Wesleyan University
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Middle, High School, Higher Education
LOCATION: Lodgepole



3208
Connecting the C3: Connecting the Community, Classroom and Computer
This entertaining and informative workshop will include an introduction to creating technically rich interdisciplinary unit using free Web applications including: Wordle, Photo Story 3, Make Beliefs Comix, Picnik, Wikispaces, and Google Forms, Docs, Sites, Earth, and Maps. Each of these applications has been used to implement a community service project at Evergreen Middle School. 8th graders work in cooperative groups to research and choose a non-profit organization at which they will spend a day volunteering. In the weeks leading up to Community Service Day, students contact their organization, schedule a visit and make travel arrangements. Following their experience, students choose a web application and create a technology project to share their learning with their peers.

PRESENTERS: Lisa Reed & Kathryn Wolfington
Teachers / Evergreen Middle School
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Middle, High School
LOCATION: Bristlecone

3209
Collection Development for the Busy Librarian
This workshop will provide quick and easy steps to analyze your library collection and begin to develop an action plan to manage and acquire materials in your school library. Participants will develop a collection map to provide an overview of the quantity and quality of materials available in their library. Tips on analyzing your collection for strengths and weaknesses, weeding your collection and acquiring the best resources for your collection will be provided.

PRESENTER: Bobbi Craig
Mackin Library Curriculum Services
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Jacques Peak



3210
It's the End of Schooling As We Know It
An online school is a great method for increasing enrollment and generating revenue; but how do you handle instruction, teacher interaction, grading, SPED, Response to Intervention, assessments, CSAP and the Department of Education? This past year District 11 created an Online Education Program, ACHIEVEk12. The program was designed to provide an aligned curriculum with high levels of rigor and relevance to home schooled students. Come see how your district can partner with District 11 to use this highly rated online curriculum to bring students back to your district along with their Per Pupil Operating Revenue.

PRESENTER: Tim Kazimer
Online Learning Project Coordinator / Central Administration
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle
LOCATION: Union Peak

3211 *Featured Speaker*
Lost in Cyberspace: Teaching Brock To Search
The perfect page is out there somewhere. It's the page that has exactly the information you're looking for, but you cannot find it.

Information Literacy, an important 21st century skill, is the ability to find, evaluate and use information effectively and ethically. Learn how to help students search and read for information, guide them through the research process and help them develop essential critical evaluation and thinking skills.

Internet search sites can examine enormous databases of Web pages using titles, keywords or text. Generally the end result of a search is a range of thousands of pages that are off-target, must be combed through, and don't lead to helpful information. You can maximize the potential of search engines by learning how they work, and how to use them quickly and effectively. As with most skills, practice makes perfect!

Attendees will be provided an overview of relevant Internet safety research, responsible use issues and statistics related to online behaviors. Discover how to use advanced searching techniques and six key command words to find just the information they are searching for. Learn how to critically evaluate sites and the information contained in them in this practical session.

PRESENTER: Howie DiBlasi
Educational TechnologyConsultant / Digital Journey
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
LOCATION: Bighorn B

3212
We Know-They Know: Safe Internet Surfing
Internet safety is an issue on every parent and educator's mind. How do we protect our children? How do we lead them to safe sites when they are not under the guidance of parents or teachers or restricted by school controls. With over 1,400 websites in our database that align with our district curriculum and ISTE technology standards, we are well on our way to helping attendees get started. Our hands-on session will help them set up a Delicious account, an I Keep Bookmarks account and guide them through the process of adding those sites to a customized Google account for their classroom or school. Finally, attendees will be encouraged to join the TIE Internet Safe Surfing ning to continue to share ideas, questions, concerns and celebrations going forward. (www.TIE2009InternetSafeSurfing.ning.com)

PRESENTER: Liz Keating
Information Specialist / Leawood
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle
LOCATION: Bighorn C1

3213
21st Century Online Staff Development
Learn how Littleton Public Schools has implemented Web 2.0 online staff development. Web 2.0 tools are free. They are easy, effective and they model the tools we want our teachers to learn to use. Come see how our course was built and learn how you can build your own. Web 2.0 tools that will be covered include: wikis, blogs, podcasts, Ustream, Skype, social bookmarks, etc. This session is also applicable for classroom teachers looking to build online classes for their students.

PRESENTER: Dana Levesque
District Technology Integration Specialist / Littleton Public Schools
CO-PRESENTER: Randy Stall
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Bighorn C2



3214
Internet Safety and 21st Century Skills
We've developed a unique curriculum for today's schools which specifically focuses on Internet Safety. All of the instruction takes place where today's youth spend so much of their time, and where teachers need to be to effectively teach Internet Safety: online.

PRESENTER: Joe Frost
Director/Dept.Chair Technology / Phoenix Christian Unified
NETS-T: Promote and Model Digital Citizenship and Responsibility
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan A

3215
Web 2.0 Tools in the Elementary Classroom
Give students a worldwide audience! Join us for an interactive session to discover how wikis and blogs can increase student engagement, invite higher standards, improve content knowledge and increase student ownership. Change your classic written report and poster board to a collaborative virtual space where students create multimedia projects that include audio files (podcasting), embedded video, images, hyperlinks. It is a place that welcomes parent and peer feedback through discussion tabs and allows for transparency and accountability of all students. Everything shared in this presentation is free and can be used by districts with low and high bandwidth.

PRESENTER: Sara Urbanek
Teacher / Hopkins Elementary
CO-PRESENTER: Jennifer Claus
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary
LOCATION: Ptarmigan B

3216
50 Ways to Use Discovery Education streaming
When it comes to integrating digital media into your classroom, the possibilities are endless. Did you know you have access to an interactive atlas, dynamic calendar, thousands of quiz questions and tens of thousands of images, speeches, and sound effects? In this session, you will learn powerful ways to integrate the resources available from Discovery Education streaming (DEstreaming) into your instruction; embed video into PowerPoint or Inspiration documents; build an online assignment; and use the calendar to highlight a student's birthday. When it comes to integrating DEstreaming and Web 2.0 Tools in the classroom, the only limit is your imagination. You will see great examples of how teachers across the country are being creative with Discovery Education streaming and Web 2.0 tools.

PRESENTER: Jennifer Jensen
Computer Resource Teacher / Clear Sky Elementary
CO-PRESENTER: Kim Randall
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan C

3217
A Community of Writers
Encouraging authentic writing activities fosters students' creativity and can be a useful way of getting students excited about language and learning. Learn ways to use YourHub.com/NextGen, a community journalism portal with Web 2.0 functions, where 4th – 8 grade students collaborate, share information and get feedback on their writing. The best stories are published in Colorado Kids in the Tuesday Denver Post and in the YourHub.com section in the Thursday Denver Post.

PRESENTER: Jill Armstrong
Youth Content Editor/Webmaster
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle
LOCATION: Upper Schoolhouse

3218
Worldly Wikis
Wikis are wonderful educational tools that can enhance any classroom. See how you can create a wiki that will allow your students to communicate with other students within the classroom as well as around the world. In this hands-on session you will learn how to make a wiki to open up learning for both students and parents. Find out how to design a wiki and how to embed videos, upload student work, attach helpful links and use the discussion board.

PRESENTER: Carrie Sheftel
Teacher / Sandburg Elementary
CO-PRESENTER: Laura Magruder
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary
LOCATION: Lower Schoolhouse

3219
Television Production for Beginners
Four 6th grade students and two advisors from the Galileo School of Math and Science will showcase their broadcast studio. Daily, the scholars of Galileo self-produce a six to 10-minute news show, KDGB. The scholars will talk about how the show generates greater interest in school activities and enhances their understanding in a range of 21st century skills, including career skills, using media and technology to transmit information and integrating the curriculum from all of the content areas into the production. The advisors for KBDG will talk about student growth in the areas of public speaking, persuasive writing and responsibility. This promises to be a unique, interactive and fast-paced session.

PRESENTER: Derek Swanson
Technology Educator / Galileo School of Math and Science
CO-PRESENTER: Stephen Swanson
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Mountainside

3220
Dual-Boot or Virtualization
In this session, we'll explore how a Macintosh can be two computers in one. Virtualization technology has come so far; there are several great ways to make this happen. We'll explore the ways to do this and the freedom this environment provide to users.

PRESENTER: Mike Scott
Systems Engineer / Apple, Inc.
CO-PRESENTER: Frank Vretos
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Other
LOCATION: Hasty's

THURSDAY
3:30-5:30PM

3301
Google Literacy With eeePCs

Learn how to live in the literary world of your students. Use eeePCs to teach literacy skills for the new century. This demonstration will show what we have done at Cherokee Trail High School utilizing Web 2.0 tools to improve literacy skills of our students in essentials level to Advanced Placement classes. Come learn how to make use of blogs, web sites, podcasts, digital stories and Google Apps Education Edition (Google Docs, Google Sites, etc.) in ways that target literacy skills and help students in the classroom. This presentation will feature the Asus eeePC as the hardware of choice for students to access these tools in the classroom. Presenters will share tips and tricks from their experience using the eeePCs with students over the past school year. Great electronic resources will be provided.

PRESENTER: Tina Barber
Language Arts Coordinator / Cherokee Trail High School
CO-PRESENTERS: Molly Robbins, Michelle Allen, Christine Archer
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle, High School, Higher Education
LOCATION: Wheeler A

3302
SMART Board Basics

Whether you're a brand-new SMART Board user or are just looking to brush up on the basics, join us for this exciting session. See how easy it is to use a SMART Board interactive whiteboard. Discover the power of having all of your resources at the tip of your fingers. At the heart of every SMART Board lies the award winning SMART Notebook software; it enables teachers to consolidate digital content and create multimedia lessons for the 21st century learner.

PRESENTER: Carrie Rigney
Educational Consultant
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Wheeler B

3303
Sharing Resources: Doesn't It Make Sense?

Do you have underused technology "experts" and/or no-longer-used technology? Unfortunately, only a small fraction of teachers in Colorado get to attend TIE. How do we recreate that same energy when we get back to our districts? We have all heard that to be an expert you need to live at least 100 miles away. We are changing that in Jeffco. With close to one hundred district "experts" in our database, teachers can quickly find an "expert" near them or one willing to help them on a weekend. We will share how we got started and how we designed a half day in-service and vendor fair to help teachers with new technology and new teaching strategies while getting hands-on practice: our very own mini-T.I.E. How many of our schools have equipment we no longer used stashed in school closets? We will introduce "Liz's List," currently a shared Google document that will soon be a web-based national version of Craig's List for school districts to barter technology, www.lizslist.org.

PRESENTER: Liz Keating
Information Specialist / Leewood Elementary
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Wheeler C

3304
Integrating Pixie Into the Elementary Classroom

As a technology teacher, this presenter has used Pixie with great success in grades K-5. Discover how easy it is to use Pixie to create narrated digital stories. Learn how to easily integrate technology into your existing elementary curriculum by using Pixie's pre-made curricular activities. Plus, find out how to easily save projects and use export options to display them on school websites, allowing students to share their work as images, movies, slide shows and websites. This session will provide participants hands-on activities and many examples of student created work. Door prizes will be available.

PRESENTER: Carol Boorum
Technology Instructor / Wilder Elementary
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary
LOCATION: West Hall

3306
Third Life: Real Social Networking for Online Teachers

Brown Bag? Coffee Pot? Focus Group? Retreat? What does all this have to do with online teaching? In this new initiative to promote teacher collaboration and socialization, a leading national provider of virtual public schools has designed opportunities that allow teachers to connect across the country. Learn why community is essential for teacher success and satisfaction in both "bricks and mortar" and online learning environments. Innovative professional developers and teachers will share the latest thinking and techniques to ensure that participants leave with new ideas on how online teacher training can best be designed to meet the needs of practitioners in a dynamic, real-world virtual school environment. Find out how this new paradigm can be adapted to "bricks and mortar" schools. The session will enable participants to plan a program that promotes a platform where both new and experienced teachers can connect, engage and network by leveraging technology to build communities of practice.

PRESENTER: Chaille Cummings
School Support Representative / Colorado Connections Academy
CO-PRESENTER: Patrick Ferrie
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ponderosa

3307
Early Literacy Instruction Using Technology

Using technology in early literacy instruction is a focused and explicit way of teaching the phonics, fluency and comprehension skills early readers need. You will learn how to use GarageBand to develop a Read-A-Long center in your classroom, providing an opportunity for the repetitive reading of text that targets phonics and fluency development. Learn how to develop a purpose for recording students reading and sharing that recording with parents thus connecting the activities of the classroom to home. Using Comic Life is a visual way to teach an auditory concept while developing sequential retelling skills. It makes the retell more concrete and understandable for young students. While these ideas are targeted for grades K-2 they can be adapted for grades 3-6.

PRESENTER: Cindy Emmons
First Grade Teacher / Coyote Creek Elementary
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary
LOCATION: Lodgepole

3308
Year Zero: Starting Up an Online School

No one can tell you what it is like to start up a school, much less an online school. No amount of detailed description or careful planning can prepare you for what is to come. You have to envision the virtual walls to your school, a community for all teachers and students to feel comfortable within and technical and procedural hurdles that your district has never had to consider before. This presentation will delve into the details of how the Douglas County School District has experienced the revolutionary act of starting up an online school, including strategic and communication plans, creative staffing approaches, building capacity, curricular and technology related decisions. Attendees should plan to leave inspired to begin their own online school complete with a bag of concrete implementation tips.

PRESENTER: Sohne Van Selus
Principal / eDCSD Online Education
CO-PRESENTER: Benjamin Wilkoff
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bristlecone

3309
Unlocking the Power of Student Management Systems

Everyone is welcome to join this practical session and learn how to go beyond the basics of your electronic student management system (SMS). The session is designed to help everyone maximize the functions built into common SMS suites. Find out how a small New York school district utilized student management software to increase student performance, improve curriculum and empower their community. The session will cover how to implement strategies and tactics that deliver results. The session is not specific to one system and provides an overall viewpoint. Discover the best practices to unleash the hidden potential of your software. The conclusion will provide a preview of emerging technologies that are influencing student management. Stop working for your SMS software, and learn how to make it work for you.

PRESENTER: Ryan Cameron
Director of Information Technology Services / Mt. Morris Central School District
CO-PRESENTER: Daniel Jones
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Jacques Peak

3310
Mastery Learning: Vodcasts Increase Achievement!

Students today are digital learners. Video podcasts teach students via a familiar medium they quickly embrace. An added advantage of podcasting lessons is that students can access information asynchronously, allowing them to either review difficult material or use it as their primary learning tool. This can be done on a shoestring budget with a simple PC, a microphone and some software. With the advent of video podcasts, teachers can make lessons available to all of their students. The evolution of the presenters' use of video podcasting will be described. Several models of effective use of video podcasts will be presented: 1. making live video podcasts to help students who missed class or need repetition, 2. pre-recording video podcasts and requiring students to watch them ahead of class, freeing up more time for activities and directed instruction and 3. a mastery program where students work at their own pace.

PRESENTER: Jonathan Bergmann
Teacher/Educational Consultant / Woodland Park School District
CO-PRESENTER: Aaron Sams
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Union Peak

3311
Shifting Literacies: The Case for a 21st Century Classroom

According to the Partnership for 21st Century Skills (www.21stcenturyskills.org), ISTE (www.iste.org), the NCTE Executive Committee (http://www.ncte.org) and many others, 21st century students need to attain some new literacies. We need to create a more student-centered approach to teaching and learning, where students are in charge of their own learning, where students are expected to participate and produce information representative of their understanding of the world around them. Why? Karl Fisch, a high school teacher, will make the case for shifting your practices and transforming your classroom. Karl hopes to share what he's seen in his school and engage you in a discussion about the changes necessary in order to prepare our students to be successful in the 21st century. Hopefully this session will begin a continuing conversation, one Karl thinks is important to have with students, faculties, administrators, school boards and communities. Please come prepared to participate.

PRESENTER: Karl Fisch
Director of Technology / Arapahoe High School
NETS-T: Engage in Professional Growth and Leadership
LOCATION: Bighorn B

3312
Beyond Digital Storytelling

All too often, we teach students how to write and record digital stories without first teaching them how to create a story worth telling. This session will focus on improvisational activities and tech-rich strategies that help students create and organize a story framework and then use digital tools to produce a final product. Teachers will learn methods from improvisational theater that will motivate students to include descriptive language, help build a framework for a story and create collaborative stories. Once the tale is ready for production, participants will have a chance to explore an assortment of computer based and web tools including iPhoto, iMovie, and GarageBand while exploring professional tips and techniques to make the final project one that will stand out.

PRESENTER: Michelle Bourgeois
Faculty Professional Growth Specialist
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Bighorn C1

3313
Using iPods to Engage Elementary Level English Language Learners

Many of our English Language Learners leave school at the end of the day and hear only their native language spoken at home. The use of iPods offers a means of providing these students opportunities to practice reading and listening to English after school. Students don't simply enjoy the opportunity to continue learning with iPods, but they are also willing to spend additional time on homework. This presentation will explain the Adams 12 iPIE (iPods in Education) project and its impact on the elementary school. We will provide an overview of the program in our district, including specific tips, drawbacks and recommendations for content. iPIE is specifically designed for English Language Learners, but the iPods can provide additional practice in reading and language development for any elementary-aged student.

PRESENTER: Jill Haver
ESL Teacher / Hunters Glen and Prairie Hills Elementary
CO-PRESENTERS: Julie Bowline, Shelley Stetler, Alicia Estis, Traci Shimel
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary
LOCATION: Bighorn C2

3314
Using Clickers in Your Classroom
Using clickers in your classroom can give you valuable information about how well your students are learning the material they are studying. Come see how using eInstruction's Classroom Performance System (CPS) can be used in your classroom, create some lessons you can use and share your ideas with other teachers. The hands-on portion of this session will cover only the PC platform, however CPS runs on both Mac and PC platforms.

PRESENTER: Lisa Gorhum
4th Grade Teacher / Copper Mesa Elementary
CO-PRESENTER: Elizabeth Walhof
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan A

3315
Curing Your Student Email Headaches
A special kind of learning takes place when students interact via email. The most obvious learning activities include writing and typing, but there are more subtle activities as well. Using email helps students improve their literacy skills, increase their achievement on standardized tests and enhance their interpersonal exchanges. Gagggle.Net, a free content filtered communication tool, makes it easy for you to provide both a safe and educational experience with email, curing your student email headaches. This session will cover how to implement, manage and integrate this powerful communication tool into your school. Hear about liability issues schools face; leave with new insights into safety and compliancy issues. Learn how this evolving technology can be easily, and safely, integrated into your existing curriculum.

PRESENTER: Meghan Lais
Sales Manager / Gagggle.Net, Inc.
NETS-T: Promote and Model Digital Citizenship and Responsibility
LOCATION: Ptarmigan B

3316
Using Technology to Enhance Literacy
Instruction Literacy can be enhanced through the use of technology at any grade level. This session will focus on how to use Google Earth, wikispaces, websites, WebQuests and primary sources as well as a SMARTboard to enhance literacy instruction and as tools to integrate technology across the curriculum. We will demonstrate technologically enhanced literacy projects that we have created for our students and how you can use these with ease in your classroom. We encourage you to bring literacy materials that you would like to use to create your own technologically enhance literacy project.

PRESENTER: Stacy Christopher
5th Grade Teacher / Carl Sandburg Elementary
CO-PRESENTERS: Jan Konopka, Tamara Walter
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary
LOCATION: Ptarmigan C

3317
20 in the 21st: Web 2.0 in the Classroom
Academy 20 has implemented a highly successful training and mentoring program for teachers, which could easily be replicated in other school districts. As part of the NCLB Title II-D grant, we developed an online class for teachers to learn about and apply Web 2.0 tools in K-12 classrooms. It is supported by face-to-face sessions and open lab opportunities. Teachers learned about various Web 2.0 tools that have educational and professional potential. This session will take you on a tour of the online program and share some examples of participating teachers' successes when they deployed these tools and learning strategies with students.

PRESENTER: Lori Hartman
ETIL Technology Specialist / Administrative Center
CO-PRESENTERS: Nancy White, Michael Doub
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Upper Schoolhouse

3318
Elementary School Student Blogging: Getting Started
Use blogs to increase student achievement in writing? What a 21st century thought! Although there are lots of considerations when using blogs with your students, the benefits far outweigh the risks. We will demonstrate how to get started: what we did, what worked, what didn't, and what we would do differently. Over 150 students in grades four through six blog at our school. For each grade the blogs and student expectations have a different look. The results have been astounding: increased student interest in thoughtful writing, increased research skills and a sense of community. We will look at the major players in the student blogging world and take an in-depth look at the two we use. Please join our TIE. Student Blogging ning to share ideas, questions, concerns and celebrations as we go forward, www.TIE2009StudentBlogging.ning.com

PRESENTER: Lynn Story
Teacher / Leawood Elementary
CO-PRESENTER: Liz Keating
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle
LOCATION: Lower Schoolhouse

3319
The Future of 3D Visualization and Animation in Education
3D visualization and animation is not a trend. The industry is growing at the rate of over 15% annually. About 5% of all animation produced is for the entertainment industry; the applications for this art form go well beyond entertainment venues including, architecture, medical, engineering, archeology and forensics. This session will present Digital-Evolutions, a high school digital visualization program that introduces students to design principles, engineering/medical visualization and video production, with a heavy focus on 3D visualization & animation. We will also explore student work, grants, industry direction, cross-disciplinary integration, teaching 3D with next-to-no experience, competitions, meeting both technology and art standards and a number of resources. Please check out our work: www.Digital-Evolutions.org and www.3dteachers.com.

PRESENTER: Dan Cornell
3D Animation and Visualization Teacher / Smoky Hill High School
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
LOCATION: Mountainside

FRIDAY
8:30-10:30AM

4101
Copyright in the Classroom: Code of Best Practices
The Center for Social Media recently released the Code of Best Practices in Fair Use for Media Literacy Educators. This document represents a new model for educators to deal with fair use when utilizing digital resources. It addresses creating and sharing curriculum, as well as student use of copyrighted materials in their own work. Join us for a lively discussion of this new approach to copyright issues in the classroom. Bring your questions and an open mind.

PRESENTER: Heather Clark
Member Services Librarian / BCR
NETS-T: Promote and Model Digital Citizenship and Responsibility
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Wheeler A

4102
Digital Educators!
Whether your district, school or simply Y-O-U want to develop strong Digital Educator traits, this session is for you. Participants will learn the steps involved in successfully implementing a district-wide, school-wide or individual Digital Educator program. Attendees will be given resources for setting clear Digital Educator goals, training must-haves and rubrics to guide risk-takers into a successful educational technology integration experience. Project-based learning and constructivist lessons ensure teachers experience effective technology integration that they can back to their classroom. Balancing effective professional development options and access to hardware is key to educator engagement. Budget info and grants will help you see how to make this possible.

PRESENTER: Kim McMonagle
Ed Tech Specialist / Douglas County School District
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Wheeler B

4103
Beyond the Earth
Most teachers and students have used Google Earth. They've looked at their home, school, or checked out some other cool places. It is time to go beyond the basics and use this tool and all of its capacities! Google Earth can be a teaching tool. Students can collaborate with others and create virtual field trips, games, movies and "mashups." This workshop will present an overview of these possibilities and more. Participants will leave with new skills and activities they can use in their classroom.

PRESENTER: Ramie Macioce
High School Teacher / Clover High School
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Middle, High School
LOCATION: Wheeler C

4104
Online Education: New Ways to Teach and Reach Rural Students
In this session, one "rookie" will share his experience developing an online WebCT class. Learn what works and doesn't work in rural settings, how to overcome technology barriers and maximize student performance in online learning courses. We will share successful examples, podcasts and library and commercial resources as well as student evaluations and suggestions.

PRESENTER: Dan Flenniken
Assistant Professor / Mesa State College
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Higher Education, Other
LOCATION: West Hall

4106
The Technology Learning Continuum
The revised National Education Technology Standards For Students (NET-S) bring a new spotlight on to our current course offerings in elementary, middle and high school. The Colorado 8th grade technology assessment demonstrates that many schools and school districts need to realign what is taught and when, so students are prepared for life-long learning. This presentation reviews our progress in teaching NET-S in schools and makes suggestions for future directions. It also includes some guidelines to start the discussion within your own building or district.

PRESENTER: Jean Schneider
Teacher, Technology Coordinator / Century Middle School
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ponderosa



4107
Securing and Managing Your School Network
School IT budgets are being cut, but security threats, regulations and network usage are increasing. Discover proven methods for increasing the efficiency and effectiveness of your network with reduced costs and no staff or service reductions. Get practical tips for securing and managing your network in today's environment. Find out how you can secure your network against threats, comply with federal regulations, protect users from inappropriate content and manage network bandwidth with a single, innovative solution designed specifically for schools, Lightspeed Systems' Total Traffic Control.

PRESENTER: Terrisa Metzler
Regional Sales Manager / Lightspeed Systems
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Lodgepole

4108
Overcoming Challenges: Helping AD/HD & LD Students
Make teaching and learning easier for your challenged students through the latest technology. Come hear Michael Sandler, Learning Disabilities technology columnist, national AD/HD and Learning Disabilities coach and author of College Confidence with ADD. Discuss how the latest technology can support success for your students and produce greater achievement both in and out of the classroom. Learn about the latest gadgets, software, technology and tools for the youngest to the oldest student, and everywhere in-between, from portable devices, alarms, timers, software, recorders, scanners, translators, websites and much, much more. This will be a fun talk that helps facilitate and inspire student learning and creativity while making life a little easier for you.

PRESENTER: Michael Sandler
AD/HD and LD Specialist, Coach, Author
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Bristlecone

4109
Netbooks in the Classroom
One-to-one computing is a concept that has been discussed nationwide. Is there an effective way to implement this, both in terms of cost and function? Netbooks may be the answer. Join us as we look at real examples of netbooks at work in the elementary classroom and beyond. Discuss their advantages and limitations as an alternative to the standard computer lab.

PRESENTER: Joe Burnham
Technology Support / Carl Sandburg Elementary
CO-PRESENTER: Steven Newell
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary
LOCATION: Jacques Peak

4110
A Book + A Website + A Mini Lesson = Learning
This session will showcase mini-lesson plans that were easily created using resources from both the Internet and the school's library. Lesson plans emphasize reading and library skills, including lesson plans for Gifted and Talented students.

PRESENTER: Patricia McConaghy-White
Librarian/Gifted and Talented Teacher / Cimarron Elementary
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary
LOCATION: Union Peak

4111
Classroom Culture Using Ubiquitous Handheld Devices
Children and young adults are increasingly connected via wireless technology on handheld devices. These devices include cell phones, iPods (and other mp3 players) and game platforms. The participation of teachers in that culture offers educational opportunities not otherwise available, including: the multi-media delivery of educational materials, an inexpensive and a robust classroom response system (clickers), stimulating the desire for repetition and review beyond the classroom and eliciting interaction with "quiet" students. This session will provide an overview and hands-on instruction on how to integrate handheld devices into the classroom environment.

PRESENTER: Kevin Kisich
Director of Educational Strategy / gWhiz, LLC.
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School, Higher Education
LOCATION: Bighorn B

4112
Thinkfinity Returns to Colorado: The Best FREE Online Resources
Attend this hands-on session to explore Thinkfinity's FREE online K-12 resources for both teachers and students. These standards-based resources include lesson plans, student interactives and multimedia files that have been developed by some of the nation's leading educational organizations such as National Geographic, National Council of Teachers of Mathematics, National Council of Teachers of English, Smithsonian National Museum of American History and more. Session activities will include an overview of Thinkfinity, searching techniques, classroom integration planning and information on future Thinkfinity opportunities in Colorado.

PRESENTER: Dan Morris
Director, Educational Technology and Innovation / Colorado Department of Education
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
LOCATION: Bighorn C1

4114
One Package: Clickers, PowerPoint and CPS Chalkboard
Come experience a demonstration and hands-on session about One Package for the math portion of an Aviation Maintenance class. Learn how to use a PowerPoint presentation to introduce notes. Find out how to utilize the clickers and chalkboard to examine questions concerning the note on hand. The content of this session could be applied to other subject areas.

PRESENTER: John Yuskewich
Math/Aviation Maintenance Instructor / Denver West High School
CO-PRESENTER: Ms. Debbie Schmuck
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: High School
LOCATION: Ptarmigan A

4115
Where in the World Can Your Classroom Go Today?
Use Google Earth and the imagination of your students or your curriculum content to learn about and experience the creation of virtual field trips. Participants will create an online Google tour that includes photos, video, weblinks and narrative descriptions.

PRESENTER: Gwynn Moore
Instructional Technology Teacher / Paris Elementary
CO-PRESENTER: Shannon Wentworth
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan B

4116
Your Quick, Safe and Wonderful Wiki
In this session, you will quickly and easily create a protected online wikispace to facilitate safe, real-time collaboration with the world! Use this free digital tool and other resources to support student success and innovation. Engage in a technology discussion that connects with and compliments the Revised Bloom's Taxonomy, Gardner's Multiple Intelligences theory and Marzano's Classroom Instruction That Works. You will walk away from this session with your own wonderful wiki, along with a contact with whom you can collaborate.

PRESENTER: James Reiner
Teacher / Ames Elementary
CO-PRESENTER: Debra Shiftlet
NETS-T: Model Digital-Age Work and Learning
GRADE LEVEL: Elementary, Middle, High School
LOCATION: Ptarmigan C

4117
How to Create Historical News Reports and More
Create news reports or videos similar to what you see on the news without traveling on location to film. Do it for under \$200 for the software and a "green screen," using a newer MacBook with the built in iSight camera. View examples made by actual students, and watch and possibly participate while a video is produced live before your eyes at TIE 2009.

PRESENTER: Sara Brooks
Media Specialist / Centennial
NETS-T: Facilitate and Inspire Student Learning and Creativity
GRADE LEVEL: Elementary, Middle
LOCATION: Upper Schoolhouse

4118
Getting to Know Office 2007
Come learn all about Office 2007! In this hands-on training, you will get tricks and tips on how to use the newest version of the Office suite.

PRESENTER: TC Travis
Directory of Technology / Wray School District
NETS-T: Engage in Professional Growth and Leadership
GRADE LEVEL: Elementary, Middle, High School, Higher Education, Other
LOCATION: Lower Schoolhouse

4119
How to Start Your Digital Media Broadcasting Class
Learn tried and true concepts for implementing a high school Digital Media class. KENY TV has worked with small Colorado school districts to acquire the equipment, create the curriculum, train the students, build partnerships with the broadcast industry and to show the content on local cable and over-the-air TV broadcast stations. Discover strategies to get the equipment and software donated to the school by the local business community and how to get sponsorships, funding to the local school, for the content created by the students. Find out how a Digital Media class will expose students to the new digital media job market and help them evaluate if this is a possible career choice.

PRESENTER: Ken Swinehart
CEO / KENY TV, Salida and Alamosa
CO-PRESENTER: Gary Atencio
NETS-T: Design and Develop Digital-Age Learning Experiences and Assessments
GRADE LEVEL: High School, Higher Education
LOCATION: Mountainside



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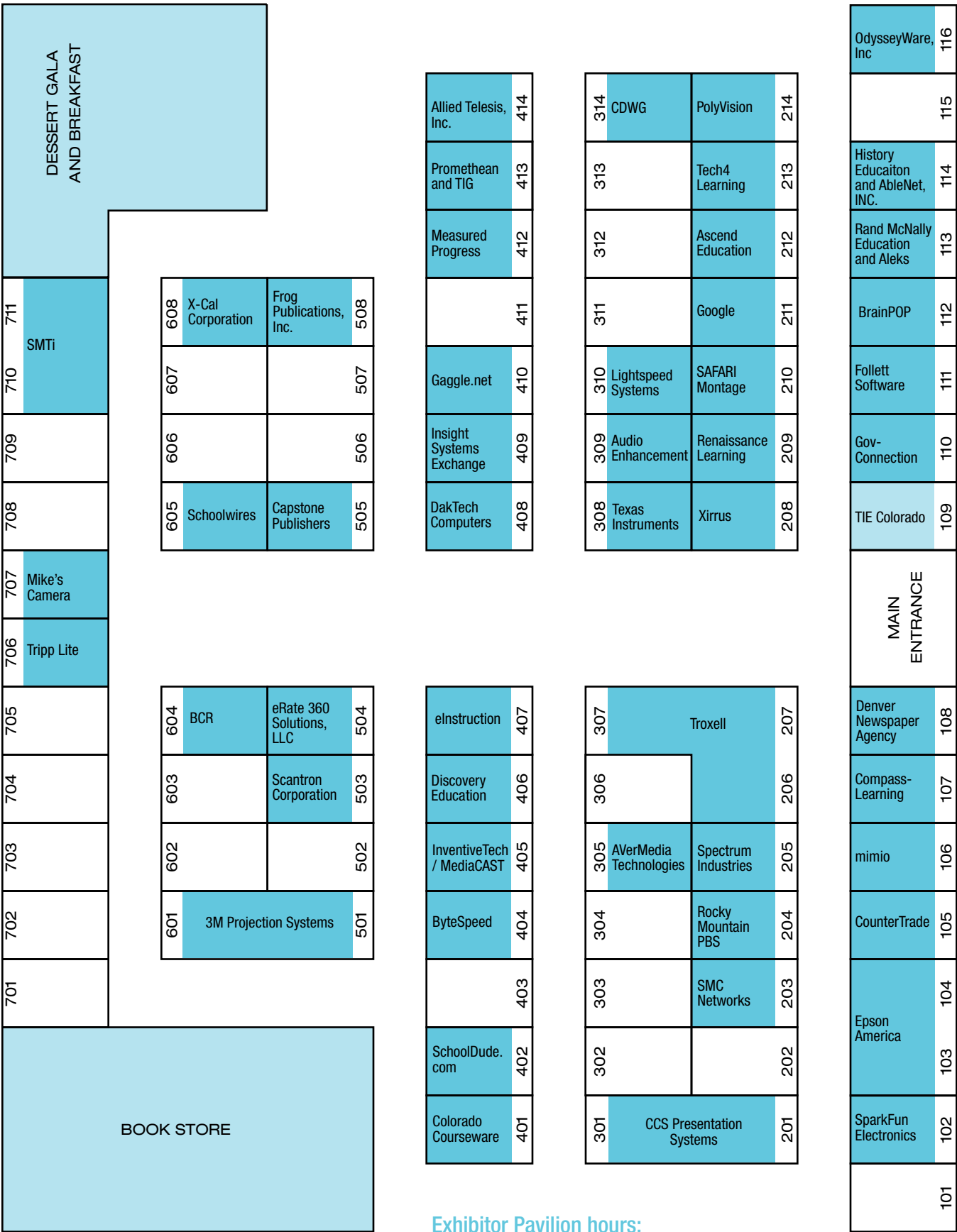
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Wednesday 12-5PM
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GETTING AROUND AT TIE

During the TIE Conference, Copper Mountain Resort will provide transportation via shuttle service to all meeting rooms, lodging facilities and resort amenities.

Sunday, June 21st: 8AM-8PM
 Monday, June 22nd: 8AM-10PM
 Tuesday, June 23rd – Thursday, June 25th: 6:30AM-11PM
 Friday, June 26th: 6:30AM-8PM
**Courteous drivers will be able to assist you in getting you to your destination.*

EAST VILLAGE

Copper Station Bus Stop:
 Wheeler Rooms, West Hall, South Hall and Mezzanine

- CyberCafé
- Grand Hall - TIE After Party
- JJ's Rocky Mountain Tavern
- Copper Creek Golf Course

Reception Center/Athletic Club Bus Stop:

- Lodging Check-In/Out
- Athletic Club - Spa Services

CENTER VILLAGE

Ten Mile Circle Bus Stop:

- Village Square Meeting Rooms
- Copper Conference Center
- Pavilion (TIE Exhibit Hall)
- Chair Lift Rides
- Restaurants and Shops

Passage Point Bus Stop:

- Copper Conference Center, Jack's, Shopping
- Registration, CyberCafé and Bookstore
- Restaurants, Shops & Activities
- Pavilion (TIE Exhibit Hall)

WEST VILLAGE

Union Creek Bus Stop:

- Upper Schoolhouse, Lower Schoolhouse and Mountainside Meeting Rooms
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TAKE A HIKE

Hiking in the mountains is as good as it gets, but summer days in the mountains can have changing weather patterns. Lightening storms often occur in the afternoon. Watch the weather and adjust your plans if need be. Don't forget water, sun block, and warmer clothes just in case.

BEGINNER

Mayflower Gulch

HIGHLIGHTS: Old Boston Mine & Scenery
DIRECTIONS: From Copper: take CO 91 south toward Leadville for 5.8 miles. The parking lot for the Mayflower Gulch trailhead is on your left.

This short, easy two mile hike leads to the site of Old Boston Mine and some of the most spectacular scenery in the Ten Mile Range. Hike the road to the right of Mayflower Creek, past occasional mining ruins to a clearing just below the mine site. Go left at the fork into the clearing to explore the mine ruins and the awesome views of Crystal, Pacific, and Fletcher mountains to the east and southeast. The clearing is a great place for a picnic or a nap!

Shrine Mountain Trail

DIRECTIONS: Travel west on I-70 from Copper and take exit 190 (Vail Pass). Cross over I-70 and turn right onto Shrine Pass Rd. Proceed 2.3 miles on this well maintained dirt road to the trailhead and parking lot on your left. Restroom facilities are available across the road from the trailhead.

The well-marked trail begins through open meadows that reach a pine forest after about 1.3 miles. Here you begin the steepest part of your climb to the ridge on top. In July and August, you will be treated to beautiful wildflower displays. Once on the ridge, look for Mt. Holy Cross off to the southwest, the Gore Range to the north and the Ten Mile Range to the east. The Copper Mountain Ski Resort is visible to the southeast. Upon the ridge, hikers can explore interesting rock formations and numerous places to picnic or just enjoy the view.

INTERMEDIATE

Mt. Royal

This popular hike is not for those who are looking for a nice easy flat trail. The hike up Mt. Royal is straight up so get ready for a nice workout with rewarding views at the top.

DIRECTIONS: To reach the Mt. Royal trailhead, Drive I-70 west to Frisco exit 201. Turn right at the stop sign and proceed 0.1 miles to the bike path parking area. Enter the paved bikeway trail system and veer left for the route to Breckenridge. Walk 0.5 miles on asphalt to the signed Mt. Royal trail, which angles off to the right.

This trail travels through the old mining town of Masontown and remains of mining cabins can be seen as you travel up the hill. An avalanche off of Mt. Victoria destroyed most of these cabins. Fortunately the buildings had been abandoned for years so no one was hurt. When you reach the top of the hill there will be a trail to the right. This is the trail to the top of Mt. Royal. If you were to continue straight, you would be on the trail to Peak One. The view of Frisco, Lake Dillon, Buffalo, and Ten Mile Canyon is amazing. There is room to explore on top of Mt. Royal, but be careful because the drop off is quite steep.

BIKE TRAILS IN SUMMIT COUNTY

The Summit County bike trail can be done in single sections or combine them all for a great day of biking.

Lake Loop

DISTANCE: 18 miles, with a variety of climbs and descents
DIRECTIONS: From Copper Mountain: take I-70 east to exit 201. Make a right turn onto Frisco's Main Street. Continue down the street to the stop light at the end of the road. Drive straight into the marina and park there. The bike path begins on the left. This section of path passes the Frisco Cemetery, Ten Mile River outlet, Summit Middle school and marshlands with views of Lake Dillon. At the intersection of Swan Mountain Road, take a right and head up the road. Once at the top of the road, there is a parking area with a short trail that takes you to the spectacular view at Sapphire point. Get ready for the downhill with windy turns and intense speed. At the bottom, pass through the stoplight to resume the bike path behind Summit High school. The path climbs a hill through the woods passes around Bill's Ranch. A straightaway with numerous turn-offs to the right including Miner's Creek Road, Second and Seventh streets lead to Frisco Main Street and the marina.

Frisco to Keystone

DISTANCE: easy 10-mile ride (one-way) with a constant grade
DIRECTIONS: From Copper Mountain: take I-70 east to exit 201. Make a right turn onto Frisco's Main Street. Continue down the street to the stop light at the end of the road. Drive straight into the marina and park there. The bike path begins on the left. The path winds around the shoreline of Lake Dillon, passing the old medical center and weaving around over the marshes. Just after the path parallels the dam road for a moment, it heads into a forest of lodge pole pine with glimpses of the lake on every corner. The path follows a series of up and down rollers, passing the Heaton Bay Campground. Use caution when crossing this access road. Again the path goes along the Dillon Dam road passing a parking area that explains the history of the dam and then crosses it. Turn-offs for Silverthorne are on the left but continue and merge on Lodge Pole Road and look for the path, which continues above the marina. The trail follows a steep downhill into Gold Run Circle, head to the right. Continue up the hill toward Highway 6 where the bike path resumes adjacent to the highway along the shores of the reservoir. The path crosses Snake River by means of large pedestrian bridges, coming to an intersection to Swan Mountain Road to the right and Keystone straight ahead. The path resumes following Highway 6 in the woods, passing the Keystone golf course. Then it winds around the beautiful Snake River and ski cabins until reaching Keystone Resort.

Frisco to Vail Pass

DISTANCE: 114 miles, uphill with a vertical gain of about 1,500 feet. The ride becomes difficult toward the top of the pass with step switchbacks, but is a moderate climb from Frisco to Copper.
DIRECTIONS: From Copper Mountain: Take I-70 east to exit 201; turn right of the ramp; park in the park and ride next to Fiesta Jalisco. The bike path is right there. On your bike, turn right toward Copper Mountain and Vail Pass along Ten Mile River. The trail is quite unique in that it is hidden in the woods in Ten Mile Canyon. Caution! When riding this trail in early spring, spots of snow might still be visible on the trail. Continue on until the climb flattens out and beaver ponds are on either side. Upon reaching a parking area and a gas station cross the road into Copper Mountain Resort. Continue through the resort, as the road curves around look for the bike path on the right. The path then continues through the valley between I-70 east and west bound. Enjoy the stunning mountain flowers and views of snow covered peaks as you ascend to the top of Vail Pass.

Frisco to Breckenridge

This is a perfect ride to take the kids on because the trail is flat and safe. During the peak summer months, the trail can become quite busy with other bikers, inline skaters, and hikers so use caution when traveling.

DISTANCE: 9.5 miles, with a moderate grade
DIRECTIONS: From Copper Mountain: Take I-70 east to exit 201; turn right of the ramp; park in the park and ride next to Fiesta Jalisco restaurant. The bike path is right there. A sign will direct to Breckenridge to the left. The trail begins through the wooded area behind Main Street in Frisco. Any of the turn offs to the left will lead to Main Street. Continuing along, the trail winds through Bill's Ranch and past the library. The path climbs a series of hills to a brief rest stop at the top. After a gentle downhill with a sharp corner, the trail is parallel to Highway 9 for a moment. As the trail approaches Farmer's Corner, it veers to the right around Summit High school. A bit further down is a horse ranch and retaining wall elevated above the highway. At the base of Gold Hill is a bridge over the Blue River. To the left you can see remains of the rock piling from the mining days. The path then crosses a few roads and driveways that have large truck traffic from the Stan Miller Construction Company, so use caution. Eventually, the path mirrors the Blue River. In the distance is the Breckenridge Recreation Center. The path passes Kingdom Park, the Summit County Justice Center and commercial shops.

Copper Mountain to Leadville

DISTANCE: approximately 19 miles up Highway 91
DIRECTIONS: Start out going southwest on CO-91 toward CR-22. This spectacular ride brushes past trees and lakes till the climax and top of Freemont Pass. Remains of the mining days can be seen where rich mineral deposits hid under the massive mountains now stripped bare. Continuing down the pass are lovely scenic mountain views. Moments later you'll find another small uphill and the entrance to the historic mining town of Leadville at 10,200 feet.





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